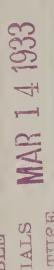
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Do not assume content reflects current scientific knowledge, policies, or practices.



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SEED TRIALS



Marigold — Guinea Gold See page 1.

LIBRAY

RECOMMOND

APR 13 1933

U. S. Department of Agriculture.

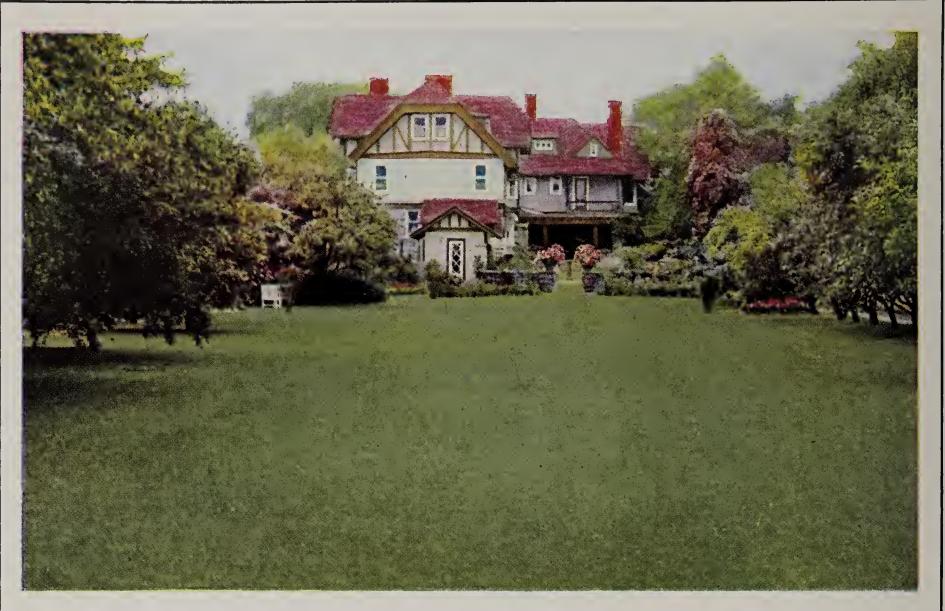
SEEDS

Annual & Perennial Plants



WILLIS S. PINO

- · 41-43 Washington St. at Eddy ·
- · PROVIDENCE · · · R. I. ·



The Preparation and Care of a Lawn

A well cared for lawn adds more than any other one thing to the attractiveness of the home grounds and not only this, it increases the value of property by much more than the mere expense of securing the lawn. There are a few simple rules which, if followed consistently, will be certain to bring good results.

The ground must first be thoroughly prepared by draining, if necessary, and spade or plow to the depth of 6 to 12 inches, according to the nature of the soil, applying a liberal quantity of well decomposed manure, bonemeal or pulverized sheep manure, the latter we recommend as being lasting in effect, not liable to burn the grass and free from weeds. Clean the ground

thoroughly and rake perfectly smooth and level, as much of the success depends upon this part of the preparation. The seed should be sown on a calm day, that it may be applied evenly, and at the rate of 100 pounds per acre, or one pound is sufficient for 400 square feet. After the seed is sown the ground should be rolled with a light roller or evenly tamped with the back of a spade. The plot should be mowed every ten days from May until September, using a sharp scythe in preference to a mower until a close turf is formed. Frequent mowing and rolling is necessary to maintain a close, even turf. April and September are the best months for sowing lawn seed.

Park Lawn Grass Mixture

In our lawn mixture we use only the highest quality; extra clean seed and free from weed seeds which abound in inferior grades. We use only the choicest low-growing grasses, and a lawn produced from our seeds will maintain a rich, dark velvety appearance and a permanent sod. One pound witl sow 400 square feet.

1/2 lb. 35c., 1 lb. 65c., 2½ lbs. \$1.25, 5 lbs. \$2.25, 20 lbs. \$8.00, 100 lbs. \$36.00.

Shady Nook Grass Mixture

A special mixture of grasses adapted to growing under trees and in shady places where it is quite difficult to produce a satisfactory growth. $\frac{1}{2}$ 1b. 40c., 1b. 75c., $\frac{2}{2}$ 1bs. \$1.50, 5 1bs. \$2.75, 20 1bs. \$10.00.

Suburban Lawn Mixture

A mixture of suitable grasses for lawn use eliminating the high cost varieties composing a large part in our Park Lawn and Shady Mixture. We plan to give a mixture to compete with many offerings containing grasses not suitable for such uses. **Lb. 35c.**, 2½ lbs. 75c., 5 lbs. \$1.50.

white Clover. Desirable for mixing with lawn seed where soil is poor and sandy. Also desirable at seashore where it is difficult to establish grass. 2 ozs. 15c., ½ 1b. 25c., ½ 1b. 45c., 1b. 75c., 10 lbs. \$6.50. Kentucky Blue. A superior grass for pastures and lawns. Succeeds well in all soils and stands dry

lawns. Succeeds well in all soils and stands dry weather well. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00. Red Fescue. Suitable for sandy soils and at the seashore. Lb. 40c., 5 lbs. \$1.75, 10 lbs. \$3.00.

Rhode Island Bent. One of the best grasses for lawns in adapting itself to almost any soil—dry, moist or sandy. Very carefully selected stock, thoroughly cleaned. Lb. \$1.50, 5 lbs. \$7.50, 10 lbs. \$12.50.

Red Top. A hardy perennial grass, succeeding best on moist land. Used extensively in all pasture mixtures, remaining green the greater part of the year. Recleaned. Lb. 30c., 5 lbs. \$1.25, 10 lbs. \$2.25.

FOR LAWN DRESSING USE

Wizard Brand Pulverized Sheep Manure

Application made early in the Spring will produce a thick, velvety green lawn. For old lawns broadcast 6 to 10 lbs. per 100 square feet, on new lawns 10 lbs. per 100 square feet, raked into the surface soil. 2 lb. pkg. 20c., 5 lbs. 40c., 10 lbs. 70c., 25 lbs. \$1.15, 50 lbs. \$1.75, 100 lbs. \$3.00.

Three Outstanding Novelties for 1933



Nasturtium, Golden Gleam

New Double Sweet Scented

Nasturtium — Golden Gleam

The plant forms a vigorous, large bush which throws out short runners, averaging eighteen inches. The flowers commence as soon as the plant nears complete development, and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. The large golden yellow flowers average two and one-half to three inches across. They are borne on erect, stiff stems, six inches in length. Consequently the flowers stand well above the foliage, an arrangement which adds immeasureably to the showy appearance of the plant.

When well grown, the remarkable formation of the petals gives the flowers a fully double appearance which is most attractive. An ordinary sized bouquet, when allowed to remain in a room for a short period of time, will fill the room with fragrance.

Pkt. 15c., large pkt. 50c., oz. \$1.00

Marigold — Guinea Gold

A distinct type of graceful pyramidal growth, 2 to $2\frac{1}{2}$ ft. high, flowers 2 to $2\frac{1}{2}$ inches in diameter, brilliant orange with double ruffled loose petals; desirable as a cut flower. The usual Marigold fragrance is largely eliminated.

Pkt. 25c., large pkt. 50c., 1/4 oz. 75c.

Venidium fastuosum (Monarch of the Veldt)

Large, brilliant orange flowers, three inches across, with a blackpurple zone at the base of the ray-petals and a dark center with a gray-green, wool-like tuft. The plants grow 2 to 3 ft. tall and bloom from Midsummer until frost. The foliage is a soft gray and forms a splendid background. Fine for garden display and for growing under glass.

Pkt. 25c.



Marigold, Guinea Gold

List of New Offerings or Strains in which Improvements Have Been Made in the Past Few Years

Aster, Giants of California Amaranthus, Molten Fire Ageratum, Blue Star Dahlia, Coltness Delphinium, New Annual (Chinensis) Cambridge Blue Hollyhock Double, Triumph Mixed Ipomea, Rose Marie. Double deep rose.

Ipomea, Early Flowering, Heavenly Blue Larkspur, Giant Imperial Lavatera (Annual Mallow) Lobelia, Sapphire Sweet Pea, Early Flowering Spencer, Mixed Zinnia, Crown o'Gold, Mixed Zinnia (Improved Lilliput), Pompon or Baby Zinnia: 9 separate colors or Special Mixture containing all separate colors.

SEEDS—Flower, Vegetable, Lawn

All stocks selected to secure the utmost in purity of type and highest germination. It is our desire to always be able to supply seeds equal to the best.

SEEDS BY MAIL—For the benefit of out-of-town buyers, I pay postage on all seeds ordered in packets, ounces and one-fourth pounds. Add for prepayment of postage on large quantities at parcel post rates, according to zone.

PARCEL POST RATES—1st and 2nd zones, within 150 miles, first pound, 8c.; second pound, 2c.; additional pounds, 1c. each. 3rd zone, 150 to 300 miles, first pound, 9c.; additional pounds, 2c. 4th zone, 300 to 600 miles, first pound, 10c.; additional pounds, 4c. each.

NON-WARRANTY—I give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter, of any Seeds, Bulbs or Plants I sell, and will not be in any way responsible for the crop. WILLIS S. PINO.

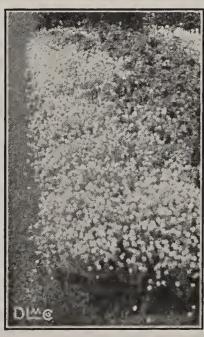
SELECTED FLOWER SEEDS

perennial; 9 in. 1/4 oz. 25c...

bronze center....



AMMOBIUM alatum grandiflorum. A beautiful everlasting annual. Pkt. 10c.



Sweet Alyssum

	Pkt	t.
	ABRONIA umbellata (Sandverbena). Trailing annual; rose color adapted to dry, poor soil. 4 oz. 25c\$0.1	n
	ACHILLEA, The Pearl. Hardy Perennial. Double white, free	
	flowering, good along borders and for cutting	0
and the same	plant; does well in shade; 2 ft	0
	ACROCLINIUM. Graceful, everlasting for Winter bouquets. Flower heads should be gathered when young if to be pre-	
2702	served. Mixed Colors. ¼ oz. 25c	
	AGERATUM	J
	Beautiful, hardy annual of near bushy habit. Very desirable fo	r
	outdoor bedding; covered with bloom nearly all Summer. Pkt	
	Blue Star. Exceedingly dwarf and even growth not over 4 or 5 inches high and completely covered with bright blue	
	flowers. 16 oz. 40c\$0.10 Blue Perfection. The darkest colored large flowering vari-	5
4 3 3 1	ety. Deep amethyst blue. Compact and fine bedder.	
	1 ft. ½ oz. 25c	
San Control	Imperial Dwarf. White, 4 it. 4 oz. 25c	0
	Imperial Dwarf. Mixed. 1/4 oz. 25c	J
	AGROSTEMMA	
	Free blooming plants. Culture easy. Coelirosa (Rose-of-heaven). Hardy annual; bright rose; 18	j.
<u> </u>	in. ¼ oz. 25c	0
	2 ft.; fine for cutting. \(\frac{1}{4}\) oz. 25c)
	ALYSSUM	
Dwarf growing,	hardy annuals blooming profusely throughout the season. Pkt weet Alyssum). Fragrant white; 10 in. Oz. 30c., 1/4 lb. 90c\$0.10	
Maritimum ((S	Sweet Alyssum). Fragrant white; 10 in. Oz. 30c., $\frac{1}{4}$ 1b. 90c\$0.10 warf white; 6 in. $\frac{1}{4}$ oz. 25c., oz. 75c., $\frac{1}{4}$ lb. \$2.25) n
Carpet of Snow	Pure white, very dwarf and sweet; 4 in. ¼ oz. 25c., oz. 75c10	
Lilac Queen. (Compact growth with lilac-colored flowers. 1/4 oz. 25c	0
	actum (Gold Dust). Bright yellow. Spring-flowering hardy	n

AMARANTHUS

Bicolor rubra. Scarlet and orange foliage. ¼ oz. 25c. \$0.10 Caudatus (Love-lies-bleeding). Dark red. ¼ oz 25c. 10 Tricolor splendens. Very beautiful foliage. ¼ oz. 25c. 10

.10

.10

.10

Molten Fire. (Summer Poinsettias) very beautiful and ornamental leaves, dark

bouquets. Sow in Spring and shade till plants appear. 18 in.

Coronaria (Poppy Anemone). Single mixed.

St. Brigid. Double and semi-double flowers in pleasing array of colors. Mixed.

ANTHEMIS kelwayi (Hardy Marguerite). Daisy-like hardy perennial, golden yellow blooming all Summer, good for cutting.....

Brilliant foliaged annuals with showy racemes of flowers; very ornamental.



Aster Semples Branching

Aster, Giants of California

Asters

One of the most highly prized and best known annuals. Should be sown from middle of March to 1st of May and when an inch high, transplanted into pots or boxes and planted out in open ground last of May. Ground should be well manured and thoroughly worked. Seed sown in open ground from middle of April until June make excellent late blooms.

GIANTS OF CALIFORNIA

A splendid new strain combining the fluffy Comet type flower with the giant size and vigor of the Beauty type. The finest strain of Aster on the market.

⅓ o	z. Pkt.
White\$0.7	5 \$0.25
Peach Blossom	
Light Blue	'5 . 25
Deep Rose	
Dark Purple	'5 . 25
Mixed Colors	. 25

SINGLE GIANTS OF CALIFORNIA

Flowers measure 3 inches in diameter with stems 18 inches long, petals slightly twisted. Good range of colors. Attractive in the garden or cut. ½ oz. 50c., pkt. 15c.

SEMPLES BRANCHING

A very strong growing type of Aster, stems long, bloom full-petaled, large and fine form. The petals are long, broad and of exceptional substance; height $2\frac{1}{2}$ feet. $\frac{1}{8}$ oz. White.....\$0.40 \$0.10 Shell Pink..... Rose Pink..... Scarlet..... .10 Lavender..... .10 Purple.... .10 Mixed..... .10

GIANT BRANCHING COMET

Flowers extra large, with long, wavy, curled petals, long stems; $2\frac{1}{2}$ feet. **Mixed**. $\frac{1}{8}$ oz. 40c., pkt. 10c.

THE KING (Needle Type)

Vigorous growth, long, stiff stems; branching habit. Flowers large, petals quilled, curled and incurved. Mixed. 1/8 oz. 50c., pkt. 10c.

QUEEN OF THE MARKET

The earliest flowering variety; stems long and an excellent variety for cutting. White, Rose, Light Blue, Mixed. 1/8 oz. 40c., pkt. 10c.

HEART OF FRANCE

A large flowering dark red sort, about 2 ft. high, well branched, long stems, deep ruby red. 1/8 oz. 50c., pkt. 15c.

GIANT CALIFORNIA SUNSHINE

Plants grow about three feet high, bearing flowers four inches in diameter, single, contrasting pompon centre. Pkt. 15c.

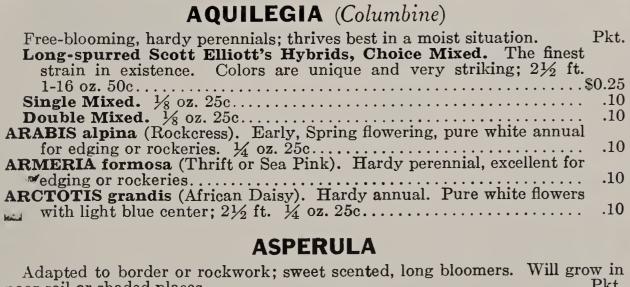


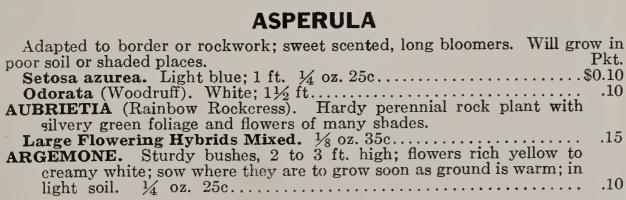
Antirrhinum



Half-hardy perennial treated as an annual. One of the finest flowers for cutting spikes long, gorgeously colored. Seed sown in February or March will bloom from July until frost. May

also be sown in open ground in April for blooming in August.	
Nanum grandiflorum. Large-flowering, medium height varieties; 2½ ft.	The
best type for general use.	Pkt.
Golden Queen. Clear yellow. ½ oz. 35c\$	0.10
Firebrand. Bright scarlet. ½ oz. 35c	.10
Purity. Pure white. ½ oz. 35c	.10
Philadelphia Pink. One of the best pure pinks	.25
Silver Pink. Pearly pink, seemingly covered with a silver sheen. ½ oz. 50c	.10
Mixed Colors. ½ oz. 35c	.10
Majus grandiflora. Tall-growing; 3 ft. Adapted for garden culture; fine, long	
stems for cutting. Mixed Colors. ½ oz. 25c	.10
Tom Thumb. Dwarf varieties; ½ ft. Album. White. Roseum. Pink. Each.	.10
Tom Thumb, Mixed. Fine assortment of all colors. ½ oz. 35c	.10







Aquilegia

BALSAM

Very popular annuals, producing a brilliant array of colors. Sow in open ground in May and transplant two or three

times, allowing not less than 18 inches between plants at the last transplanting.	Pkt.
Improved Camellia-flowered. Mixed Colors. ¼ oz. 25c	\$0.10
BALLOONVINE. A very rapid growing climber, producing curious-shaped capsules. Oz. 15c	.10
BEGONIA	
Excellent for Summer and Autumn blooming; both flowers and foliage have a bright waxy appearance.	Pkt.
Vernon. A beautiful plant for beds and borders; withstands heat and drought	

BELLIS (Double English Daisy)

Favorite perennials; sow seed June to September; transplant in Fall and protect during the Winter. Will flower early in Spring. Sown in Spring will flower in Fall.



Calliopsis lanceolata

NEW GIANT DOUBLE. Enormous double flowers; 2 to $2\frac{1}{2}$ in. in diameter. Double Giant rosea. 1-16 oz. 75c	Pkt. \$0.15 .15
BRACHYCOME (Swan-river-daisy). Hardy annual, with small blue flowers; blooms profusely most of the Summer. 9 in. ½ oz. 25c	.10
BROWALLIA elata. Annual. Excellent for cutting; color pale blue. ¼ oz. 30c Speciosa major. Large flowering, ultramarine blue, adapted to the border or in hanging baskets, veranda boxes or as Winter and early Spring pot plants	.10 .25
CALCEOLARIA hybrida, Choice Mixed. Recommended for greenhouse plants, with beautiful striped, blotched and variegated flowers	.25
CALLIOPSIS	
Very free-flowering annuals, producing a gorgeous display in various shades of yeard brown. Excellent for cutting. Drummondi (Golden Wave). Yellow, maroon center. ¼ oz. 25c. Coronata maxima. Large yellow. ¼ oz. 25c. Finest Mixed. ¼ oz. 25c.	Pkt. \$0.10 .10 .10
Lanceolata. Bright yellow perennial. ¼ oz. 25c	.10

CALENDULA (Pot-marigold)

Very robust, free-flowering annuals; seed may be sown in March and transplanted to open ground when danger of frost is over, or seed may be sown in open ground in April or May. Campfire (Sensation). The best forcing variety. Dark orange with a scarlet sheen, very attractive. ½ oz. 75c.

Radio. Beautiful orange, globe shape petals quilled; very distinct from other Calendulas. Large pkt. 35c. .15 Mixed. All sorts. 1/4 oz. 25c., oz. 75c..... .10 **CAMPANULA** (Canterbury-bells)

Very attractive, hardy biennials and perennials, showy for borders. Medium, Single Mixed. \(\frac{1}{4} \) oz. \(35c. \) \(\$0.10 \)

Single White. \(\frac{1}{8} \) oz. \(40c. \) \(.10 \)

Single Blue. \(\frac{1}{8} \) oz. \(40c. \) \(.10 \)

Single Rose. \(\frac{1}{8} \) oz. \(40c. \) \(.10 \)

Single Striped. \(\frac{1}{8} \) oz. \(40c. \) \(.10 \)

Double Mixed. \(\frac{1}{8} \) oz. \(40c. \) \(.10 \)

Double Blue. \(\frac{1}{8} \) oz. \(50c. \) \(.10 \)

Carpatica, Blue. Perennial. \(\frac{1}{8} \) oz. \(35c. \) \(.10 \)

Alba. Perennial. ½ oz. 35c.....

Pkt. Medium, Double Rose. $\frac{1}{8}$ oz. 50c.\$0.10**Double White.** $\frac{1}{8}$ oz. 50c...Calycanthema, Mixed (Cup-and-saucer). ½ oz. 40c.

Blue. ½ oz. 50c.

White. ½ oz. 50c.

Rose. ½ oz. 50c.

Persicifolia, Blue. Perennial... .10



Campanula Types



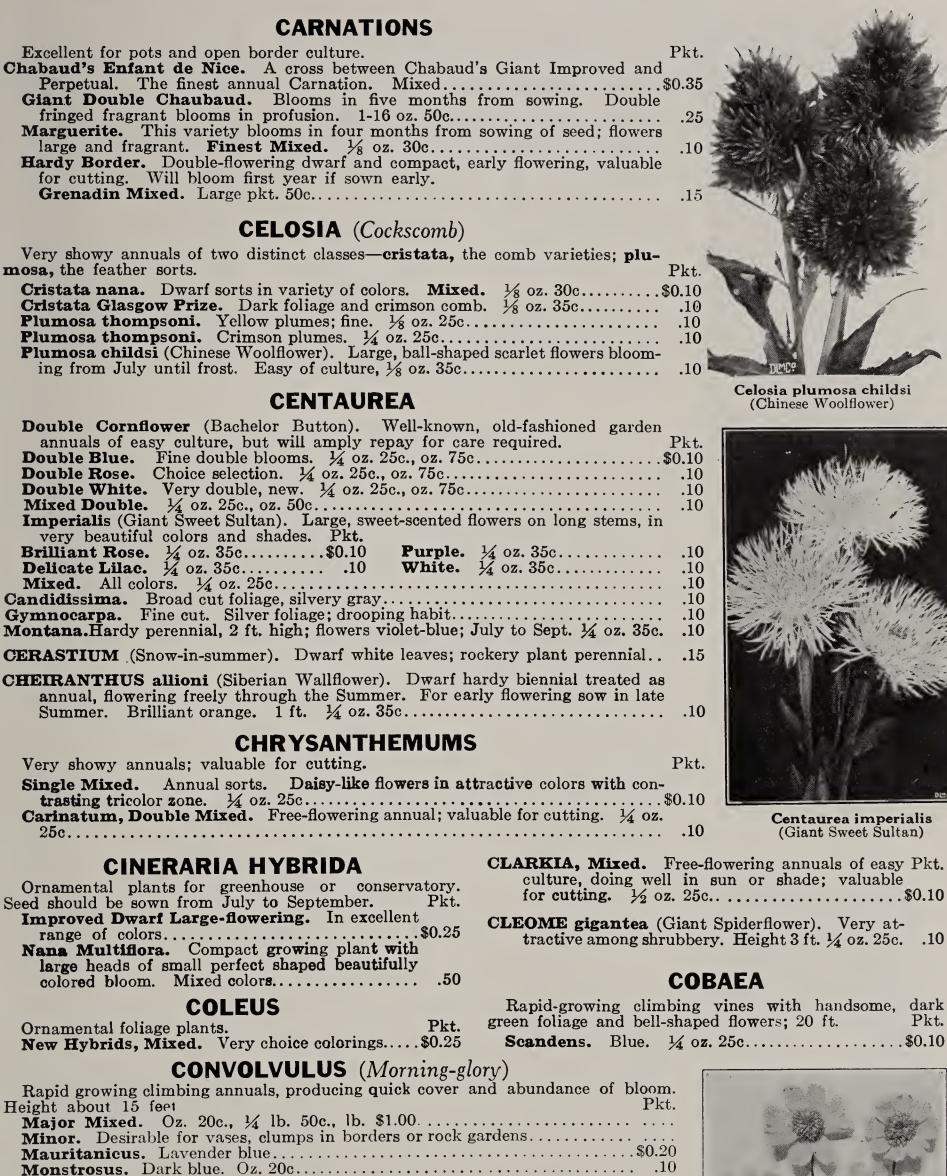
Candytuft

distribution in well as will have the first to the fact that the first to the fact that the fact tha
oz. 75c.
Umbellata Varieties. Desirable for rock gardens, borders or beds. Bloom in
about 8 weeks from sowing and should be sown at intervals of two weeks for con-
about 8 weeks from sowing and should be sown at intervals of two weeks for con-
tinuous bloom. Lasts well as a cut flower. Pkt
tinuous bloom. Lasts well as a cut flower. Pkt Albida. Pure white. 1/4 oz. 25c
Carmine. $\frac{1}{4}$ oz. $25c$
Flesh Pink. $\frac{1}{4}$ oz. 25c
Lavender. $\frac{1}{4}$ oz. $25c$
Rose Cardinal. $\frac{1}{4}$ oz. $25c$
Mixture—Above Varieties. ¼ oz. 25c., oz. 75c
CANINA
CANNA

Very showy foliage and brilliant flowering plants; desirable for large beds. Pkt. Crozy's Large-flowering Dwarf Mixed. Oz. 30c.....

CARDINAL CLIMBER. A rapid-growing annual climber, with deeply, laciniated leaves and numerous small, glowing scarlet flowers. 1/8 oz. 25c.....

See Ipomoea.



COSMOS

A hardy and rapid growing annual with feathery green foliage. Flowers have long, graceful stems and attractive for cutting. Thrives best in light soil and not too rich. Early Flowering Mammoth. Sow in April or May in the open ground where

appearance. A good percentage come true from seed.

very double flower crested by an outer row of petals, making a very attractive

they are to grow and thin out but do not transplant. Pinch out tops when 2 to 3 ft. high to force plant to branch. Should bloom profusely from August Pkt.

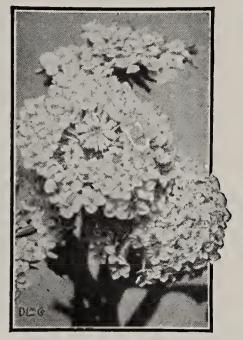
Crimson. ½ oz. 75c..... Finest Mixed. $\frac{1}{8}$ oz. 50c...



Cosmos



Delphinium, Exhibition Hybrids



Didiscus caeruleus (Blue Lace Flower)



COWSLIP (Primula Veris). Hardy Spring flowering perennial, colors yellow, brown edged yellow, etc. Fragrant\$0	kt.		
CYCLAMEN persicum giganteum. Excellent for pot plants; foliage is very beautiful. Mixed Colors	.25		
CYNOGLOSSUM amabile (Chinese Forget-me-not). Annual of easiest culture, producing through the Summer sprays of delicately scented intense blue flowers. 1/4 oz. 35c.	.10		
CYPRESS VINE. Climbing annual of great beauty; foliage is extremely attractive. Finest Mixed. ½ oz. 25c	.10		
DAISY, Shasta (Alaska). Hardy perennial, blooming abundantly the first year from seed. Flowers large pure white with yellow center. ½ oz. 25c	.10		
DAHLIA			

Half-hardy perennials of value for cutting. Blooms first season from seed sown in March or April Decorative and Cactus. Seed saved from a collection of the newer varieties of the two types..... Coltness Hybrids. New dwarf single bedding sort of merit. Plants compact, about 18 in. high, blooming in continuous succession from July to frost.....

DELPHINIUM (Hardy Larkspur)

One of the most desirable hardy perennials. Flowers produced on long spikes in

shadings of white and blue. Chinensis, White. $\frac{1}{8}$ oz. 25c.....\$0.10Exhibition Hybrids. Produced from the choicest named varieties secured from the world's noted specialists, embracing all shades known to Delphiniums. Strong, vigorous habit and large spikes, both single and double flowering. Light Blue Shades, Mid Blue Shades, Deep Blue Shades, Pastel Shades. Each pkt. 25c., large pkt. 50c. Exhibition Mixture. ½ oz. 50c.......

Hollyhock Strain (Wrexham type). The graceful spire-shaped spikes of enormous size and beauty of form is rapidly bringing this strain to the front as the greatest advance in Delphiniums. Mixture, double and single. 1-16 oz. 75c. .25

DIANTHUS

New Annual (Chinensis) Cambridge Blue. Clear blue surpassing Belladonna brilliancy; 2 to 3 ft. high and should make a fine cut flower. ½ oz. 50c.

Excellent plants for beds and borders. Flowers cover a wide range of colors and are very fragrant. Chinensis, Fine Mixed (China Pink). Double-flowering popular sort. 1/4 oz. 25c. \$0.10 scented double, semi-double and single flowers. Very beautiful. ½ oz. 35c.. **Deltoides.** Rock garden pink. Rose-tinted magenta. 8 inches. ½ oz. 35c.. .15 .15 Sweet Wivelsfield. A new hardy annual for borders or cut flower......

DIDISCUS

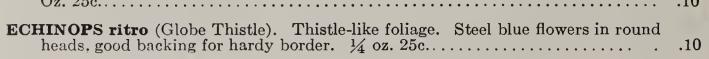
Caeruleus (Blue Lace Flower). Easily grown garden annual, popular for cut flowers. Plants 2 ft. high, umbel-shaped bloom, heavenly blue. 1/8 oz. 35c...\$0.15

DIGITALIS

Desirable plants for backgrounds, borders and among shrubbery. Handsome, spotted flowers.

Alba. Pure white. $\frac{1}{8}$ oz. $35c$	\$0.10
Rosea. Rose color. $\frac{1}{8}$ oz. $35c$	10
Yellow. ½ oz. 35c	.10
Mixed. 1/4 oz. 35c	.10
Giant Shirley. Plant vigorous. 5 to 7 ft. high A magnificent strain. ½ oz. 50c	
DIMORPHOTHECA (African Daisy) aurantiaca hybrida. New Hybrids of African Daisy. Annual free-blooming in many colors white to red and blush, sulphur, lemon, orange, etc. 1/4 oz. 50c.	.10

Digitalis Aurantiaca. Orange only. ¼ oz. 50c	.10
DOLICHOS lablab, Mixed (Hyacinth-bean). Climbers. Oz. 25c	.10
DRACAENA indivisa. Decorative plant with long, narrow green leaves	.10
ECHINOCYSTIS lobata (Wild Cucumber). A very rapid growing annual climber.	10

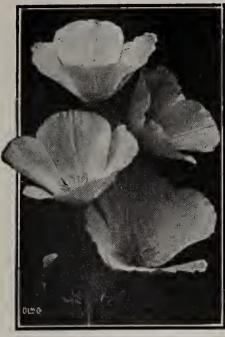




.25

Pkt.

Dimorphotheca (African Daisy)



Eschscholtzia

ESCHSCHOLTZIA (California-poppy)

There have been many new shades produced in the last few years which add very much to the beauty of these profuse blooming hardy annuals. Poppy-like blooms June until frost. Aurantiaca. Rich orange, true California Poppy. ¼ oz. 25c\$0.10 New Large-flowering Hybrids. Mixed. Erect type containing a large per cent of new colors including soft pink, .15 .10

EUPHORBIA

Very pretty, quick growing annuals. Very attractive arranged with annual flowers or in vases alone. Keep a long time cut.

Pkt. **Variegata.** White and green foliage. $\frac{1}{4}$ oz. 25c... \$0.10

GAILLARDIA

Showy bedding and border plants blooming the first season from seed and among the gayest blooms in the garden in Summer and Autumn. Combinations of yellow and red predominate; flowers 2 inches or more in diameter on long stems. Desirable for cutting.

Indian Chief. Dark brown center with glittering bronzy red petals. Annual ...\$0.15 Lorenziana, Mixed. Superb annual sort. ¼ oz. 25c.....



Gourds

Grandiflora, Mixed. Perennials of great beauty. $\frac{1}{4}$ oz. 35c....10 The Dazzler. Intense maroon red and golden yellow. Large pkt. 35c.... .15 GERANIUM, Finest Mixed..... .10 GEUM, Mrs. Bradshaw. Double orange scarlet, flowers entire Summer. ½ oz. 25c...... Lady Stratheden. Golden yel-.15 low double flowering, new. 1-16 oz. 75c..... .15 GLOXINIA erecta, Mixed. Splendid pot plants..... .25GLOBE-AMARANTH, Mixed.

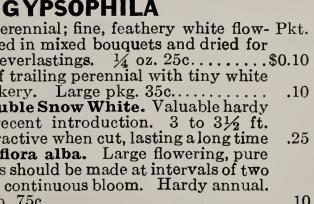


Euphorbia variegata

GOURDS, ORNAMENTAL

Calabash or Pipe (Large) **Dishcloth** (Large) The following list are all small: Apple **Orange Bottle** Egg-shaped White Warted All Shapes Pear Bicolor **Small Varieties Mixed** Pear Striped All above. Pkt. 10c., oz. 30c.

Paniculata. Perennial; fine, feathery white flow-Pkt. ers. Much used in mixed bouquets and dried for use with dried everlastings. ¼ oz. 25c......\$0.10 Repens. Dwarf trailing perennial with tiny white flowers for rockery. Large pkg. 35c..... Paniculata, Double Snow White. Valuable hardy perennial of recent introduction. 3 to $3\frac{1}{2}$ ft. high. Very attractive when cut, lasting a long time Elegans grandiflora alba. Large flowering, pure white. Sowings should be made at intervals of two weeks to insure continuous bloom. Hardy annual. Oz. 25c. 1/4 lb. 75c..... .10





Gypsophila Elegans

GODETIA.	Free-flowering	annuals	for	beds	and Pkt	•
borders.	½ oz. 25c	• • • • • • •	• • • •		\$0.10	•

HELIANTHUS (Sunflower)

Hardy annuals; flowers attractive.	Pkt.
Annus purpurea (Red Sunflower). Some flowers chestnut-red, others tipped yellow, others	
washed with red. ¼ oz. 25c	\$0.10
Californicus. Large, double, orange color. ½ oz	. 10
25c Single, abundant bloom	.10
ers. 3 ft.	
Cucumerifolius. Yellow. 1/4 oz. 25c	.10
Orion. Yellow. Twisted petals. 1/4 oz. 25c	.10
Purpureus. Terra cotta, old rose shades. ¼ oz 25c	
Globosus fistulosus. Double, globe-shaped	
height 6 ft	
Mammoth Russian. Immense single yellow flowers; height 6 to 8 ft. oz. 10c.	

HELICHRYSUM (Strawflower)

One of the best everlastings, making fine display in the border or dried for Winter bouquets. For Winter use cut when only partly open, take off all foliage, tie in bunches and hang head down in dark place to dry. Sow seed early in Spring and transplant or thin to 12 inches apart. Pkt. Mixed Colors. $\frac{1}{4}$ oz. 25c.....\$0.10 **HELIOTROPE**, Finest Mixed. Popular for pots or bedding..... **HEUCHERA** sanguinea (Coral Bells). Perennial flowers, bright coral red, leaves light green, excellent for cutting. 30 inch...... **HIBISCUS, Giant-flowering.** Improved form of native Mallow with flowers often 8 to 10 in. in diameter. Height, 5 to 8 ft., blooming freely from July until frost. Colors, red, pink, white. Mixed. All colors. 1/4 oz. 25c..... .10

HUMULUS

Quick-growing annual climbers for covering arbors, etc., the first season from seed.



Hollyhock



Larkspur, Annual



Lupinus (Lupine)

HOLLYHOCK

Very ornamental perennials, attractive in mixed borders, making an attractive background. Flowers about 3 inches across set as rosettes around strong-growing stalks. Seed sown in May or June make fine blooming plants the following season. Chaters Double Prize Strain.

Pure white	Deep Rose	Sulphur Yellow	
Newport Pink		Salmon	Pkt.
Chaters Double Mixed	1. Above, each, $\frac{1}{8}$ oz. $35c$.		.\$0.10
Single Mixed. All col	ors. $\frac{1}{4}$ oz. $25c$		10
HONESTY. Biennial	treated as annual. Admired	for its silvery seed pouches	10
ICE PLANT. Trailing	g plants for rockeries, baske	ts, etc	10
IMPATIENS Sultana	(Sultans-balsam). Beautifu	al decorative plants	15
IPOMOEA Grandiflor	a (Moonflower). Rapid clin	mbers with large, white flowers	10
Imperial Japanese 1	Morning-glory. Very attra	active, rapid climbers. Oz. 25c.	10
		moea. Flowers deep rose double	le
and semi-double. V	Will probably rival Heavenly	Blue	25
Ipomoea rubra cae	rulea (Heavenly Blue). Es	arly flowering; immense flowers	
bright sky blue. 1/4	oz. 35c		10
KOCHIA Childsi (Sun	nmer-cypress, Burningbush).	. An easily grown annual, 3 ft	.
high. Makes an ex	cellent hedge or fine specime	n. Compact, pyramidal growth	ì,
		nn. $\frac{1}{4}$ oz. $25c$	
KUDZU VINE. Peren	nial vine, rosy-purple, pea-sl	haped flowers. $\frac{1}{2}$ oz. $25c$	10
LANTANA Hybrida, N	Aixed. Rapid-growing, sma	all, bushy shrubs	10

ANNUAL LARKSPUR

This well known garden annual has been wonderfully improved in the last few years by selection for size of bloom and color as well as general habit of plant. Seeds sown early in house or hotbed produce strong plants ready for open ground in May or seeds sown in open ground in April will bloom profusely from July to frost. 3 feet.

Giant Imperial (New). The following are of the Improved upright Delphiniumlike

2 to 3 in. in diameter form in the axils of the upper leaves and are produced profusely; long keeping as a cut flower. Useful sown late to fill in after Spring flowers. ¼ oz. 35c......

Splendens (Sunset) Rosy Carmine. ¼ oz. 35c.

Mixed colors. ¼ oz. 35c.................

LINUM (Flax). Annuals of graceful habit. .10 .10 .10 Grandiflora rubrum. Dark red. ¼ oz. 25c...
Grandiflorum caeruleum. Blue. ¼ oz. 25c.
Perenne (Perennial Flax). Blue. ¼ oz. 25c..
LOBELIA. Graceful plants for vases, edgings, etc. .10 .10 .10 Sapphire. A very strong growing variety, dark blue with white eye; suitable for piazza boxes and hanging pots. Large pkt. 35c..... .15 .10 Gracilis. Trailing sort. Light blue..... Crystal PalaceCompacta. Erect sort, dark blue .10 LINARIA cymbalaria (Kenilworth-ivy). Trail-

annual adapted to borders or rockery, bearing small spikes like miniature Snapdragons, yellow, crimson, pink purple, etc. ¼ oz. 40c... LUPINUS (Lupine)

Annual sorts. Easily grown, free flowering annuals with graceful spikes of various colored, pea shaped flowers suitable for beds, borders and cutting. Do best in partial shade. Pkt.

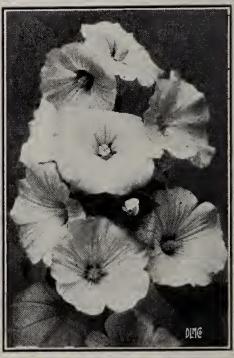
Maroccana, Excelsior Hybrids. Easily grown

ing plant for vases, etc.....

White. $\frac{1}{2}$ oz. 25c.\$0.10 Dark Blue. $\frac{1}{2}$ oz. 25c.\$0.10 Rose. $\frac{1}{2}$ oz. 25c. .10 Sky Blue. $\frac{1}{2}$ oz. 25c. .10 Annual Mixed. All colors. Oz. 30c..... Polyphyllus (Perennial Sorts). Hardy perennials blooming in May and June. Pkt.

Will thrive in any good garden soil. **Blue.** ½ oz. 25c.....\$0.10 .15 **LYCHNIS Chalcedonica** (London Pride). Bright scarlet, 2 to 3 ft. high, Hardy perennial..... .10

MATRICARIA Capensis (Double White Feverfew). Fine bedding plant, producing attractive double white flowers in abundance the entire season. 1/4 oz. 25c. .10 **Golden Ball.** Compact bushy plant, covered with double bright yellow blooms.



. \$0.15

Lavatera (Summer Mallow)

.10



Honesty

MARIGOLD

Old-fashioned hardy annuals of easy cultivation; the African type are mostly tall growing, making excellent large beds or mass planting, also attractive in mixed borders. French varieties are mostly dwarf, making attractive borders. Seed may be sown in open ground in April and satisfactory results obtained. Sown in house or hotbed in March and transplanted before planting out in May, will produce more satisfactory blooming period.

	AFRICAN DOUBLE	Pkt.
	African All Double. These new Marigolds will produce nearly 100 per cent	
	double flowers. Orange or lemon. $\frac{1}{8}$ oz. $50c$	\$0.25
	African Tall, Mixed. Large flowering, orange and lemon shades. ¼ oz. 25c	.10
	Orange Prince. 1/4 oz. 25c	.10
	Lemon Prince. $\frac{1}{4}$ oz. $25c$.10
	Guinea Gold. A distinct type of graceful, pyramidal growth, 2 to $2\frac{1}{2}$ ft. high,	
	flowers 2 to $2\frac{1}{2}$ in. in diameter; brilliant orange and double ruffled loose petals.	
	Desirable as a cut flower. The usual Marigold fragrance is largely eliminated.	
	$\frac{1}{4}$ oz. 75c., large pkt. $50c$.25
	FRENCH DOUBLE FLOWERING DWARF	
	Gold Striped. Brown and golden yellow. ¼ oz. 25c	.10
	Golden Ball. Very compact, large golden yellow. ¼ oz. 25c	.10
	Pallida. Dwarf, compact, pale sulphur yellow. ¼ oz. 25c	.10
	Mixed. Golden and maroon sorts. ¼ oz. 25c., oz. 75c	.10
	FRENCH SINGLE FLOWERING DWARF	
	Fire Cross. Saffron orange, brown center. ¼ oz. 25c., oz. 75c	.10
	Legion of Honor. Single. Golden yellow with purple ½ oz. 25c., oz. 75c	.10
	Silver King. Pale yellow, maroon base. 1/4 oz. 25c., oz. 75c	
	Border of Gold (Tagetes signata pumila). Single bright orange flowers com-	
	pletely covering the plant, fernlike foliage. Height 12 to 15 in. Fine for edging.	
	½ oz. 25c	.10
	,	
N	IARVEL OF PERU (Four-o'clock). Favorite old-fashioned flowers, bushy Pkt.	
	habit bearing hundreds of nink white wellow enimsen and violet	100000000000000000000000000000000000000

APDICAN DOIDER



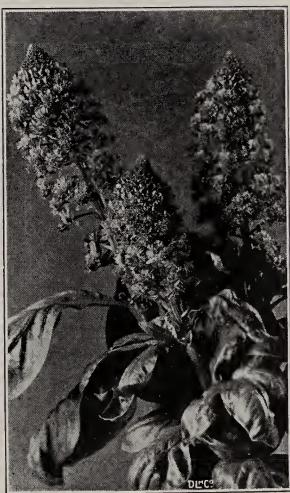
Marigold

MIGNONETTE

NASTURTIUMS, DWARF

For Summer flower beds nothing can surpass them; plants form perfect mounds about 1 foot high by 1 foot across. Seed sown in open ground early in Spring produces blooming plants in early Summer and continues until frost.

pring produces blooming plants in early Summer and continues unt	fil frost.
Oz.	Pkt.
Aurora. Salmon and pink\$0.25	
Empress of India. Crimson, dark leaves	.10
Golden King. Golden yellow	
King of Tom Thumbs. Scarlet	
King Theodore. Dark maroon	
Prince Henry. Light yellow	
Ruby King. Rose shaded	
Vesuvius. Salmon rose	.10
Mixed, extra quality of named varieties. ¼ lb. 50c., lb. \$1.50	.10



Mignonette

NASTURTIUMS, TALL or CLIMBING

For covering trellis fences, rockeries, etc., or trailing from vases, they are unexcelled: of easy culture and rapid growth; 12 to 15 feet high. Oz. Pkt. King Theodore. Maroon.\$0.25 \$0.10 Dunnett's. Orange (Sunlight)....\$0.25 Prince Henry. Cream spotted; tipped red..... .10 Schultzi. Scarlet...... Vesuvius. Salmon-rose.... Jupiter. Giant-flowering, .10 .10 .10 yellow..... Mixed. Extra quality, of named varieties. 1/4 lb. 50c., lb. \$1.50..... .10 NEW DOUBLE SWEET SCENTED NASTURTIUM GOLDEN GLEAM. leading novelty of the season. Oz. \$1.00, large pkt. 50c..... .15 NEMESIA strumosa suttoni. Splendid annual with large flowers, varying in color from creamy white to orange and carmine. Fine for bedding, doing best in a cool location. Orange or Mixed Colors. 1-16 oz. 75c..... .15 .10 NICOTIANA Affinis. A species of tobacco, very decorative. ¼ oz. 25c........... Sanderae. Hybrids, free-flowering, in variety of color. Height 2 ft. ¼ oz. 25c... .10 .10 NIGELLA Miss Jekyll. Easily grown annual. Double, bright blue, excellent for .10 cutting. ½ oz. 25c.....



Nasturtium, Tall



Pansy



Phlox



POLYANTHUS. Popular hardy perennial. Finest named sorts, mixed. ½ oz. 50c., pkt. 15c.



Portland Petunias

PANSIES

Pino's Special Mixture. In this mixture we offer all the choice fancy

in May will make excellent plants for late blooming.

Seed should be sown in July and August for early Spring blooming, or if sown

sorts and we believe nothing better can be procured. 1-16 oz. 50c\$0.2	5
Swiss Giants. A new strain. Very large flowering, containing many	
unusual colors—pink, red, yellow, blue, all blotched. Large pkt. 75c3	5
Trimardeau Giant. The largest and more robust in growth.	
± ****	
	.5
1/8 oz. 50c.\$0.15 Lord Beaconsfield, purple-	
White. $\frac{1}{8}$ oz. $50c$	5
Yellow. ½ oz. 50c	
Mixed. $\frac{1}{8}$ oz. $40c$	5
70	
erfection. Pure white. $\frac{1}{8}$ oz. 50 c	
lixed. All colors. $\frac{1}{8}$ oz. 40 c	.5
PETUNIAS	
	unusual colors—pink, red, yellow, blue, all blotched. Large pkt. 75c3 Trimardeau Giant. The largest and more robust in growth. Pkt. Adonis, bright blue. **Pkt.** **Pkt.** Adonis, bright blue. **Pkt.** **Pk

General favorites of easy cultivation, blooming continuously from early Summer till frost. Favorite for massing in beds and bordering walks and drives; also used in vases and window boxes.

Pkt.

boxes or bedding where the unusual is wanted. .25.25 **PENTSTEMON** (Beardtongue). Perennial plant producing large spikes of handsome, tubular flowers in almost every shade and color. Large flowering hybrids. Mixed. ½ oz. 35c..... .10 PERILLA nankinensis. Splendid foliage. 1/4 oz. 25c..... .10 PHYSALIS francheti (Chinese Lanternplant). An attractive plant, forming red, lantern-like pods retaining their color for months; excellent Winter decorations. $\frac{1}{8}$ oz. 25c..... .10 PLATYCODON grandiflora. Hardy perennial, bright blue, bell-shaped flowers. 2 ft..... .10

PHLOX DRUMMONDI

Hardy, bush-like annuals with many clusters of brilliantly colored flowers. Attractive in clumps and massed beds and desirable for combining in mixed bouquets.

Pkt.

Grandiflora alba. Pure white. ½ oz. 50c	0.10
Coccinea. Brilliant scarlet. ¼ oz. 50c	.10
Chamois Rose. Deep salmon-rose. 1/4 oz. 50c	.10
Isabella. Light yellow. ¼ oz. 50c	.10
Rosea. Bright rose. ¼ oz. 50c	.10
Violacea. Purple-violet, white eye. ¼ oz. 50c	.10
Grandiflora Mixed, Choice Large-flowering	
Sorts. 1/4 oz. 35c	.10
Drummondi, Dwarf or Compact. Grow very	
symmetrical in neat little bushes, 6 to 8 inches	
high and covered with flowers during the entire	
season. Excellent for beds, borders or clumps in	
the rock garden. Easily grown.	
Cecily Mixed. Large flowering compact in many	
shades and colors. ¼ oz. 50c	.10
Cuspidata. Splendid star-shaped varieties	.10
Decussata Mixed. Perennial sorts. ½ oz. 35c	.10
PORTULACA	
Vary brilliant dwarf annuals witchle for warm	darr

Very brilliant, dwarf annuals, suitable for warm	dry
ituations. Should not be sown until hot weather.	Pkt
Single, Fine Mixed. $\frac{1}{4}$ oz. 25c., oz. 75c	\$0.10
Single, Pure White. 1/4 oz. 30c	10
Single, Golden Yellow. 1/4 oz. 30c	.10
Single, Flesh. $\frac{1}{4}$ oz. $30c$	10
Single, Scarlet. ¼ oz. 30c	
Double, Choice Mixed. $\frac{1}{8}$ oz. $35e$.10

POPPIES

Carnation-flowered. Splendid double-fringed varieties. Mixed. Oz. 25c. Peony-flowered, Mixed. Double varieties. Oz. 25c	ancy Pkt. \$0.10
Wild Rose. Rich rose, comes quite true from seed. ¼ oz. 25c. Shirley, Single Mixed. Very dainty colored, with rich satin appearance. Graceful in habit, with bright green, fern-like foliage. Flowers, white, yellow and orange, borne on slender wire-like stems, 12 inches high. ½ oz. 30c.	.10
Iceland, Mixed. Hardy perennial, blooming first season from seed.	.10
1/4 oz. 35c. Iceland Sunbeam. A new race with longer stems and larger flowers, flowering May to Oct. 1/8 oz. 25c Coonara. Salmon shades. 1/8 oz. 35c Orientale. Enormous deep scarlet flowers. Perfectly hardy. 1/8 oz. 35c Orientale Hybrids, Mixed. Hardy perennial. Finest shades. 1/8 oz. 35c.	.10 .10 .10
PRIMULA Sinensis (Chinese Primrose). Excellent pot plants for Winter decorations.	
Choice Fringed, Mixed	.25
Obconica. A profuse-blooming Primrose with pale lilac flowers Malacoides. Flowers delicate lavender, borne in whorls on tall, delicate stems. Desirable for pot	.15 .15
PYRETHRUM	D1.4
Aureum (Golden-feather). Golden-leaved plant for edging. ¼ oz. 20c	
Giant-flowered Single Mixed. $\frac{1}{8}$ oz. $50c$.15 .25
RICINUS (Castor-bean)	
Highly ornamental plants; excellent for large groups. Gibsoni. Dark purple stems and foliage. Oz. 25c	.10
Zanzibarensis, Mixed. Very large growing sort, extremely attractive. Oz. 25c	.10
ROCKET, SWEET. Hardy perennial. For planting among shrubbery or in permanent borders; fragrant; 2 to 3 ft. high; purple or white, or mixed. 1/4 oz. 25c	.10
RHODANTHE. A charming annual everlasting. Valuable dried for Winter bouquets. Mixed. 1/4 oz. 25c	
SALVIA (Scarlet Sage)	
One of the most popular and useful bedding plants; nothing more attractive the Fall than these bright scarlet flowers. Seed should be started in househotbed from February to April or may be sown in open ground in May.	se or lasily Pkt. \$0 15
SALPIGLOSSIS	
One of the most attractive annuals. Blooms tube-shaped, much like the Pet but more beautiful in color display: 2½ feet. Emperor, Finest Mixed. ½ oz. 25c	Pkt. \$0.10
Sowings should be made at intervals to keep up succession of bloom; 3 ft. ½ oz. 25c	.10

LARGE FLOWERING ANNUAL SCABIOSA

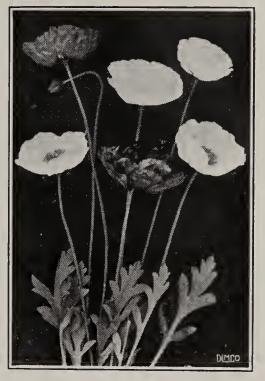
(Mourning Bride—Pincushion Flower)

Seed may be sown where they are to grow soon as ground can be worked in Spring or for earlier blooming sow early and transplant 12 to 18 inches apart. Height $2\frac{1}{2}$ ft., stems long and graceful and keeps well when cut.

Ageratum Blue King of Blacks, reddish black Peach Blossom, pink	Fire King, rosy crimson Shasta, pure white Sulphur Yellow
Each above, ½ oz. 25c	Pkt
Loveliness. New. Salmon rose. ½ oz.	
Choice Mixed. ¼ oz. 25c	e of the best hardy perennials,
water. ½ oz. 50c	Improvement on Caucasica;
longer and stouter stems and larger bloom range from light lavender to dark blue. 1-1	. Outer edges rumed, colors .25



Poppies orientalis



Iceland Poppies



Salpiglossis



SCHIZANTHUS (Butterflyflower)

One of our best hardy annuals, of easy culture in any good garden soil, bearing a profusion of butterflylike flowers of various colors; resembling some species of Orchids. Are also adapted for late Winter and should be planted in Fall for this purpose. Pkt.



Sweet-William

Grandiflora hybrida, Mixed. Compact	
plants with many colored blooms. 1/8 oz. 25c.\$6	0.10
Wisetonensis. A showy variety used	
largely for pot plants. $\frac{1}{8}$ oz. $35c$.15
SMILAX. Beautiful climber	.10
SOLANUM (Cleveland-cherry). More compact	
than the ordinary Jerusalem cherry and	
produces the scarlet fruits in greater pro-	10
fusion. ¼ oz. 25c	.10

STOCKS

Often called Gilliflower, unexcelled for beauty and fragrance. Given good, rich soil they will produce full spikes of double blooms; valuable for cutting. Seed may be sown outdoors early in Spring; using well fertilized, well pulverized soil, covering seed ¼ in. and press down firmly. Make rows 18 in. apart, thin to 6 in. For earlier blooming sow indoors in March or April, transplant to open ground last of May.



Schizanthus

EXTRA EARLY FLORISTS MARKET

Branching habit, 2 to $2\frac{1}{2}$ fee	et, early blooming and produces	a high percentage of double
blooms. Considered the most	desirable variety for greenhou	se or conservatory, unexcelled
for bedding. Pkt.	Pkt.	Pkt.
Pure White \$0.20	Blush (Appleblossom)\$0.20	Canary Yellow \$0.20
	Lavender	Finest Mixed, 1-16
Dark Blue	Fiery Blood Red20	oz. 75c

SWEET-WILLIAM

inches apart. It is advisable to sow every year as young plants will flower more satisfactory.

Pkt.

Pink Beauty. ½ oz. 35c. \$0.10

Pure White. ½ oz. 25c. .10

Dark Crimson. ½ oz. 25c. .10

Holborn Glory. A wide range of colors with clear white eyes. ½ oz. 25c. .10

Diadem. Crimson, white eye. ½ oz. 25c. .10

Scarlet Beauty. ½ oz. 35c. .10

Single, Mixed. ½ oz. 25c. .10

Double, Mixed. ½ oz. 25c. .10

THUNBERGIA (Black-eyed-susan). Rapid growing annual climbers adapted to hot, sunny situation in hanging baskets, vases, etc. Flowers buff, white, orange with black eye. ¼ oz. 25c. .10

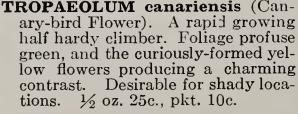
TORENIA fournieri. A very fine annual for vases,

hanging baskets, borders, etc. covered with a mass of sky blue flowers spotted dark blue; yellow center. **TRITOMA** (Red Hot Poker). Early flowering hybrids. Sown early will bloom first season from seed.



LARGE FLOWERING, DWARF GERMAN Pkt.

Finest Mixed. An excellent mixture made from



Dietro

Verbena grandiflora

VERBENA GRANDIFLORA

A magnificent new strain of robust, compact habit and free blooming. For early blooming, sow indoors and transplant to open ground in May. Seed sown in open ground in April or May make bloom from August until hard freezing weather. **Blue.** White eye......\$0.20 Luminous. Flame pink shading to salmon..... .20 .20 Hybrida grandiflora. New mixed. ½ oz. 50c..... .15 Lemon Scented. Fragrant

leaves.....

.10



.15

Tritoma, Early Hybrids

Sweet Peas

The proper time to spade the garden for Sweet Peas is in the Fall, as the longer the soil remains in the rough state the better. Give a liberal dressing of well-rotted stable manure, ground bone and a dusting of lime. Spade to a depth of 6 or 8 inches and allow soil to remain in the rough without chopping down. When sowing seed, see that the soil is firmly trodden down, as Sweet Peas require not only a deep soil but a firm one. Seed should always be sown early in Spring 1 inch deep, and when plants are well up thin to 2 to 4 inches apart. Pinch out tops to start branching. Support should be given early before plants get twisted. When hot, dry weather begins, see that the plants are well mulched and well watered. Look out for green aphis and keep clean by spraying with solution of tobacco extract. Care must be taken to keep flowers picked, as the forming of seed pods will stop blooming.

GIANT SPENCER—Waved Varieties

Spencer Sweet Peas are the largest and most beautiful of all known Sweet Peas, the individual flowers measuring frequently 2 to 2½ inches across; they are also remarkable for their profuseness and continuous bloom. On strong stems 9 to 12 inches long, the beautiful flowers are borne three to four on a stem. The standards are open, well rounded and exquisitely waved and often serrated.

Pkt. 10c., oz. 30c., 1/4 lb. 75c.

Blanche Ferry Spencer. Bright rose standard, wings white, flushed pink.

Calne Valley, Lavender blue.

Constance Hinton. Black seeded white Spencer, splendid form and substance.

Countess of Spencer. Pure pink, very large, open form.

Daffodil Deep cream black seeded. Elfrida Pearson. Large shell-pink. Hercules. Mammoth rosy-pink.

King White. Produces gigantic flowers, pure white.
R. F. Felton. Rosy lavender.
Royal Sovereign. Orange.
Royal Purple. The best purple.
Warrior. Deep maroon.

Collection, 1 pkt. each 12 named varieties, \$1.00

GIANT SPENCER MIXTURE

Well selected mixture containing only true Spencer types. We can recommend this as a superior mixture containing all the worth while novelties of recent years.

Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00

EARLY FLOWERING GIANT SPENCER

Greenhouse Varieties

Pkt. 10c., $\frac{1}{2}$ oz. 50c., oz. 75c., $\frac{1}{4}$ lb. \$2.50

The following are specially adapted to growing under glass but may also be grown in the open and bloom several weeks in advance of the regular Spencer sorts, and if not allowed to seed will continue equally as long.

All White. One of the best pure white vari-

Mrs. Chas. Zvolanek. Lavender. Fair Maid. Blush pink suffused salmon.

Zvolanek's Rose. Giant rose-pink. Early Flowering Giant Spencer Mixed Colors. Contains a well-balanced assortment of standard sorts together with many novelties.

Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50

VERONICA (Speedwell). A hardy border plant, growing about 1½ ft. high, producing long spikes of bright blue flowers in June and

Spicata. Bright blue. $18 \text{ in. } \frac{1}{8} \text{ oz. } 35c....\0.10 Longifolia. Rich blue. $2 \text{ ft. } \frac{1}{8} \text{ oz. } 40c....$.10

VINCA. Fine for pots or borders. alba, pure white; rosea, rose; Mixed.

VIOLA odorata (Sweet Violet). Fragrant .10 bedding plant.....

VIRGINIAN STOCKS. Hardy annuals for beds and borders. 1/4 oz. 15c..... .10



Sweet Pea

WALLFLOWER

Well known, fragrant, half-hardy perennial blooming early in the Spring. Plants should be protected in coldframe during Winter and planted out in April

Earliest Paris. Flowers first season from seed and continues bloom until freezing weather. Fine for cut blooms, keeps well when cut and

WILD FLOWER GARDEN MIXTURE

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides. alongside of fences, and on untidy hare spots which, if properly cared for and kept free from weeds, can bloom during the Summer. Pkt. 10c., oz. 25c., 1/4 lb. 75c.



Wild Garden



Double Giant Dahlia-Flowered Zinnias

ZINNIA

Robust-growing annuals, very free-flowering. No flowers are more easily grown from seed in the open ground and few bloom so continuously throughout the entire Summer. Those acquainted only with the old-time Zinnias will be surprised at the perfection to which the newer strains have attained.

DOUBLE GIANT DAHLIA-FLOWERED

These flowers have a very marked distinction from the ordinary giant class, being true Dahlia-flowered type, and when picked and placed with Dahlias, it is difficult to tell one from the other. Very free blooming. Crimson Monarch. The largest and best of the red **Dream.** Fine deep lavender, turning to purple.... Exquisite. Light rose, deep rose center..... .10 .10 Old Rose. Real old rose shade..... .10 Oriole. Immense orange and gold bicolor..... .10 Polar Bear. Very large, the best white sort.....
Purple Prince. Deep purple.....
Scarlet Queen. True Scarlet...... .10 Above separate colors. $\frac{1}{4}$ oz. 50c. Finest Mixed. 1/4 oz. 40c. oz. \$1.25..... .10 CROWN OF GOLD MIXTURE One of the season's novelties. Each petal overlaid with deep golden yellow at the base while carrying the individual color at the tip. Colors old rose, cream yellow, carmine red, pink, etc..... .10 **CURLED AND CRESTED** Petals beautifully curled and twisted. ¼ oz. 25c. .10

PICOTEE MIXED

Large double fringed flowers with contrasting edge to petals. $\frac{1}{4}$ oz. 50c., 1 oz. \$1.50.....



Zinnia, California Giant

CALIFORNIA GIANTS

Plants of this class are extremely robust, growing 18 to 24 inches high, producing flowers often 5 inches in diameter, mostly very double and of uniform large size. Adapted to planting of large beds and borders.

Cerise Queen

Enchantress, Light Rose, deep center

Lemon Queen, Lemon orange

Miss Willmott, Soft pink

Orange King, Burnt orange

Orange Queen, Golden orange Pink Perfection, Shrimp

pink

Purity, White Salmon King Scarlet King Rose Queen

each of above $\frac{1}{4}$ oz. 40c., pkt. 10c.

Mixture of above separate colors ¼ oz. 35c., 1 oz. \$1.00, pkt. 10c.

DAFFODIL NEW

Bright canary yellow resembling King Alfred Daffodil in color. ½ oz. 50c., pkt. 25c.

DWARF DOUBLE (Cut and Come Again)

Medium size flowers, fine for cutting.

Bright Scarlet Flesh Salmon Rose

Canary Yellow Golden Yellow Crimson Separate colors of mixture 1/4 oz. 25c., 1 oz. 75c., pkt. 10c.

> DOUBLE LILLIPUT or POMPON (Improved Strain)

A very compact type not over 15 inches high, producing a profusion of very double flowers on long stems, held well above the foliage. As a cut flower are particularly desirable for table decoration.

Canary Yellow Crimson Gem

Purple Salmon Rose Scarlet Gem

Flesh White Gem

Golden Gem Each, above colors, ¼ oz. 40c., pkt. 10c. Mixture of above colors, ¼ oz. 40c., oz. \$1.00, pkt. 10c. Rosebud (New). Rose pink. ¼ oz. 50c., pkt. 15c.

NNUAL SEEDLING PLANT

We plan yearly to produce a great quantity of seedlings comprising the following, well-grown healthy plants at prices ranging from 50c. to \$1.50 per doz., \$3.00 up per 100:

.15

Aster, Semples Branching, mixed Ageratum, Blue Perfection.

Antirrhinum (Snapdragon). Bachelor Buttons.

Blue Laceflower.

Calendula (Pot Marigold), Or-

ange Giant.
Carnation, Marguerite, mixed.
Castor Oil Plant.

Celosia (Cockscomb), dwarf comb variety, mixed.

Chrysanthemum, Carinatum double mixed.

Cosmos, early-flowering.

Dianthus chinensis (China Pink). Helichrysum (Strawflower).

Larkspur, tall, stock-flowered, blue or mixed.

Lobelia, dwarf and trailing.

Marigold, tall African mixed. Marigold, dwarf French mixed. Petunia, Rosy Morn.

Petunia, Violacea. Petunia, California Ruffled Giant.

Phlox drummondi, mixed.

Salvia Bonfire.

Salpiglossis, Emperor, mixed. Scabiosa, tall large-flowering. Stock, dwarf German, 10 Weeks.

Verbena. Zinnia.

THE BEST VEGETABLE SEEDS

All vegetable seeds except those otherwise mentioned, are put up in 10-cent packages. We send free by mail all vegetable seeds in packages, ounces and one-fourth pounds; larger quantities, add postage according to Parcel Post zone rates.

Asparagus, Palmetto

Artichokes

Sow seeds in hotbed early in Spring in rows 6 inches apart, transplant into boxes or pots. Plant in open ground after danger of frost is past, 2 by 3 feet between plants. Rich, sandy loam is best adapted. Sow seed in open ground in May and protect until cold weather is past and will head the second year.

Large Globe, or Paris. Pkt. 15c., oz. 75c.

One ounce to 40 feet Asparagus of drill

Sow the seed in Spring in drills 15 inches apart, the following Spring transplant to permanent beds. Plant for private use in rows 6 inches apart and allow 12 inches in the rows, covering the roots 6 inches. For market on a large scale, set 4 by 2 feet.

Palmetto. Oz. 10c., ¼ lb. 25c., lb. 75c. Mary Washington. A rust-resisting variety. Oz. 20c., 1/4 lb. 40c., lb. \$1.25.

Asparagus Roots
The earliest and produces more and larger stalks than other strains; the Mary Washington. highest rust resisting variety. So much better you can see the difference. Extra two year old roots \$1.50 per 100; \$12.00 per 1000. Asparagus Knives, 50c. each.

Beans—Dwarf or Bush

One pound to 50 feet of drill

For succession Bush Beans should be planted at intervals of two weeks from May until August. Make drills 2 feet apart and 2 inches deep.



Stringless Green Pod. Extra early, stringless, round pod. Very prolific and excellent quality. ½ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Black Valentine. Round, straight, good quality. ½ lb. 20c., lb. 30c., 5 lbs. \$1.25. **Early Bountiful.** A stringless flat pod variety of excellent quality. ½ 1b. 20c., 1b. 30c., 5 lbs. \$1.25.

Dwarf Horticultural. An excellent shell Bean. ½ lb. 20c., lb. 30c., 5 lbs. \$1.25. **Low's Champion.** Recommendable as a string or shell Bean. ½ 1b. 20c., 1b. 30c., 5 lbs. \$1.25.

Improved Golden Wax. A favorite among yellow podded varieties; pods flat. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Round Pod Kidney Wax. Of the finest quality; entirely stringless. ½ lb. 20c., 1b. 30c., 5 lbs. \$1.25.

Pencil Pod Black Wax. Pods round, bright yellow and entirely stringless. ½ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Stringless Kidney Wax. Pods long, entirely stringless; prolific. Excellent. 1/2 lb. 20c., lb. 30c., 5 lbs. \$1.25.

Wardwell Kidney Wax. Popular variety. Wide, flat pods, white seed. ½ lb. 20c., 1b. 30c., 5 lbs. \$1.25.

Davis' Kidney Wax. Extremely hardy, large flat pods, white seed. ½ lb. 20c., lb. 30e., 5 lbs. \$1.25.

Fordhook Bush Lima. Very productive and of excellent quality. $\frac{1}{2}$ lb. 30c., lb. 50c., 5 lbs. \$2.00.

Henderson's Bush Lima. Early, small bean. ½ lb. 20c., lb. 40c., 5 lbs. \$1.75. English Broad Windsor. The standard English Bean. ½ lb. 20c., lb. 35c., 5 lbs.



Beans, Stringless Green Podded



Field Beans Pea, or Navy, Red Kidney, Pole, or Running Beans Yellow Eye. Yellow Eye. One pound to 75 hills

The planting of Pole Beans should be delayed a week or more after the planting of the early dwarf sorts. Make hills about 3 feet apart and 1 to 2 inches deep and plant five to six seeds in each hill; thin to three plants in each hill when well established. Limas should not be planted until weather becomes warm and settled. Flat beans should be placed in the soil edgewise, eye down.

Mammoth Horticultural Pole. A very prolific shell Bean. ½ lb. 20c., lb. 40c., 5 lbs. \$1.75.

Kentucky Wonder. An excellent variety, entirely stringless, round pod. ½ lb. 20c., 1b. 35c., 5 lbs. \$1.50.

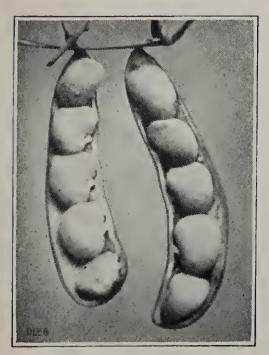
Kentucky Wonder Wax. Pods very long, fleshy, stringless, light yellow. ½ lb. 20c., 1b. 40c., 5 lbs. \$1.75.

Scarlet Runner. Highly ornamental; also used as a table Bean. 1/2 lb. 20c., lb. 40c., 5 lbs. \$1.75.

Large White Lima (Extra Size). The standard Pole Lima. Quality excellent. 1/2 lb. 20c., lb. 40c., 5 lbs. \$1.75.

Sieva, or Small Lima. An excellent Bean, earlier and more hardy than large Limas. $\frac{1}{2}$ 1b. 20c., 1b. 40c.

Yard Long. A very curious sort, producing pods 2 ft. or more in length, the thickness of a lead pencil. Pkt. 10c.



Beans, Fordhook Bush Lima

Beets

One ounce to 50 feet of drill; 5 to 6 pounds per acre

Sow early as ground can be worked in the Spring and for succession follow every two weeks until July. For main crop sow last of May. Light, sandy loam well enriched with stable manure is best adapted and should be plowed and harrowed until very fine. Make drills 1 foot apart and when well up thin to 4 or 5 inches in the row.

Extra Early Egyptian. A very early flat blood-red sort. Popular for first planting and forcing. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.00.

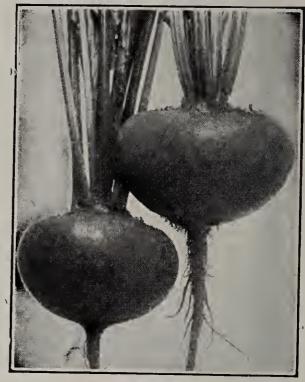
Crosby's Egyptian. An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.25.

Eclipse. Globe-shaped, extremely early and excellent quality Pkt. 10c., oz. 20c., \(\frac{1}{4} \) lb. 50c., lb. \(\frac{1}{25} \).

Detroit Dark Red. (Improved strain). Very tender and sweet; skin dark blood-red; flesh bright red; fine round shape. Excellent for main crop. Pkt. 10c., oz. 20c., 14 lb. 50c., lb. \$1.25.

Edmand's Blood Turnip. Highly recommendable for main crop; uniform in size, very dark flesh, excellent quality. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.25.

Dewing's Blood Turnip. A standard main crop variety of excellent shape and color. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.25.



Crosby's Beet

Swiss Chard, or Spinach Beets

Giant Lucullus. Extra large, crumpled or Savoy-leaved. Leaves used as greens. cooked in same manner as Spinach and the large ribs are prepared like Asparagus, Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.50.

Large White. Similar to above, plain-leaved. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.

Sugar Beets and Mangel-Wurzels

Sow in May or June; 5 to 8 pounds per acre.

Used for stock and chicken feed. Sow in rows 3 ft. apart in May or June, thin out to 6 in. apart and keep well cultivated.

Norbiton's Giant. A long red variety, adapted to deep soil. Oz. 10c., 1/4 lb. 25c., lb. 75c.

Golden Tankard. A yellow variety, formed mostly above ground; easily pulled. Oz. 10c., 1/4 lb. 25c., lb. 75c.

Half Sugar Mangel. Flesh, pure white, firm and very sweet. Oz. 10c., 1/4 lb.

25c., lb. 75c. Vilmorin's White Sugar. The best Sugar Beet for stock feeding. Oz. 10c., ¼ lb. 25c., lb. 75c.



Swiss Chard

Broccoli

One ounce will produce about 3000 plants

Closely resembles Cauliflower but is more hardy and sure heading. Sow seed in May and plant out in June in rows 2 feet apart each way.

White Cape. Heads creamy-white and of large size. Pkt. 10c., oz. 75c.

Early Green Calabrese. This variety is much sought by the Italian trade. Forms a fair size green head; after this is cut from the main stalk new sprouts develop, forming new heads of a loose nature. Pkt. 15c., ½ oz. 30c., oz. 50c.

Brussels Sprouts

One ounce will produce about 3000 plants

The seed should be sown about the middle of May in a seed bed and plants afterward set in rows 2 feet or more apart and cultivated like Cabbage. This vegetable does not require extremely high cultivation. It is ready for use late in Autumn after early frosts.

Dwarf Improved. Compact in growth and of excellent quality. Pkt. 10c., oz. 35c., ½ lb. \$1.00.

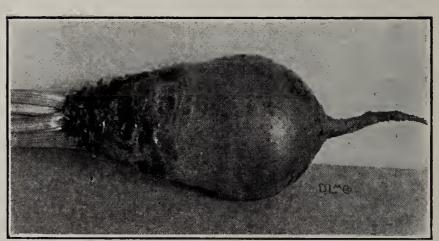
Borecole, or Kale

One ounce will produce about 3000 plants

Sow in beds early in Spring and transplant in June treating in same manner as Cabbage.

Dwarf Green Curled Scotch. Very dwarf and spreading, the best variety. Pkt. 10c., oz. 20c., 1/4 lb. 40c., lb. \$1.00.

Tall Green Curled Scotch. An upright variety 3 ft. tall with narrow fine curled leaves. Pkt. 10c., oz. 20c., 1/4 lb. 35c., lb. 75c.



Mangel-Wurzel



Brussels Sprouts

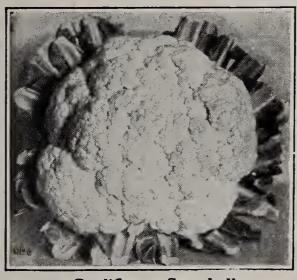




Carrots, Danvers Half-Long



Cabbage, Savoy



Cauliflower, Snowball



Celery, Golden

Carrots One ounce to 100 feet of drill, four pounds per acre

For early crop sow as soon as the ground can be worked; they may be sown as late as the middle of June. The drills should be 1 inch deep and 1 foot apart, thinning out to 3 or 4 inches between the plants. Carrots do best in a deeply tilled sandy loam.

Early Scarlet Horn. A favorite sort; for early Summer use. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.

Early French Forcing. The earliest variety grown; small, tender. Fine quality. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Danvers Half-Long. The best sort for general use. Rich, deep orange color; excellent quality; roots taper to a point. A very heavy cropper. (Select stock.) Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.
Improved Long Orange. Large variety; used for main crop. Pkt. 10c., oz.

20c., ½ lb. 50c., lb. \$1.25.

Guerande, or Ox Heart. Stump-rooted; one of the most valuable varieties either for family use or market; fine flavor and color; very productive. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.

Chantenay. A stump-rooted variety having a large shoulder; very productive. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Cabbage One ounce will produce about 1500 plants

For early use sow the seed in hotbeds in February or March, or may be sown about the middle of September, and the plants wintered over in coldframes. Transplant in Spring as soon as ground can be worked, in rows 2 feet apart, the plants 18 inches apart in the rows. For late or Winter use, sow seed in May; set out the plants in July; 2½ by 3 feet.

Our Cabbage seeds are all the best American grown

Early Jersey Wakefield. The best early sort. Medium size, pyramidal shape with rounded peak. Pkt. 10c., oz. 30c., ¼ lb. \$1.00. Charleston, or Large Wakefield. Much larger than the above, but not as

early. Pkt. 10c., oz. 30c., 1/4 lb. \$1.00.

Golden Acre. Early, solid, uniform heads, medium size with few outer leaves allowing close planting. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Copenhagen Market. A round headed sort, early as Wakefield. A standard variety. Pkt. 10c., oz. 35c., 1/4 lb. \$1.25. Hollander, or Danish Ball Head. Excellent Winter sort, heads very solid.

Pkt. 10c., oz. 30c., ¼ lb. \$1.00.

Premium Flat Dutch. Main crop variety. Pkt. 10c., oz. 30c., ¼ lb. \$1.00.

American Drumhead Savoy Improved. The finest Savoy variety, finely curled, large and solid. Pkt. 10c., oz. 30c., ¼ lb. \$1.00.

Mammoth Rock Red. Large size, very solid. Pkt. 10c., oz. 40c., ¼ lb. \$1.50.

Pe-Tsai, Chinese or Celery Cabbage. Sown in open ground in July, produces heads resembling Cos Lettuce. Used as a salad or cooked like ordinary Cabbage but must be cooked quickly. Pkt. 10c., oz. 40c.

Cauliflower

Cultivate as directed for Cabbage. In dry weather water liberally. Cauliflower likes a cool, moist situation.

Early Snowball. A very popular early variety; for family use or market gardeners. Dwarf in habit with short, outer leaves, allowing close planting. Heads white and of finest quality. Pkt. 25c. and 50c., ½ oz. 90c., ½ oz.

\$1.50, oz. \$2.50.

Danish Dry Weather. Heads somewhat larger than Early Snowball with more foliage. Adapted to dry locations where other varieties fail. Pkt. 25c., oz.\$2.50. Early Paris. Medium size and sure heading variety. Heads are large, compact, solid and white. Pkt. 15c., oz. \$1.00.

Veitch's Autumn Giant. A popular, large, late variety. Pkt. 15c., oz. \$1.00.

Celery One ounce will produce about 1500 plants

Seed may be sown in the open ground in April. Sow about ½ inch deep and firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds until the time of planting, in June or July. After the ground has been well prepared, plant in rows from 3 to 4 feet apart, according to variety, setting the plants about 6 inches apart and pressing the soil firmly about the roots.

The soil best suited for Celery is a rich, moist loam.

White Plume. Excellent for early use; naturally white, requires little blanching. Pkt. 10c., oz. 35c., ½ lb. \$1.25.

Golden Self-Blanching. True French grown stock. Similar to the above

except that the stalks are a beautiful golden yellow, and much better quality. Easily blanched by placing boards along each side of rows or may be banked with earth. Pkt. 10c., oz. 75c., 1/4 lb. \$2.50.

Easy Blanching. An excellent first early variety; early as White Plume or Golden Self-blanching; large size, crisp and fine flavor. Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.25.

Boston Market. A dwarf branching variety. Pkt. 10c., oz. 40c., 1/4 lb. \$1.50. Giant Pascal. An excellent late sort, easily blanched and a good keeper.

Pkt. 10c., oz. 40c., ¼ lb. \$1.50. Celeriac, or Turnip-rooted. Grown exclusively for the roots. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Chervil

Curled Chervil. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May in drills $\frac{1}{2}$ in. deep. 1 ft. apart. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Chicory

Large-rooted. The young leaves may be used as a Spring salad. Dried and prepared roots are used as a subtitute for coffee. Sow early in Spring in drills 2 feet apart, thinning to 6 in. Pkt. 10c., oz. 25c., 1/4 lb. 75c.

Witloof (French Endive). The leaves and leaf stems are blanched and used as a salad. Sow seed in open ground in May in rows 18 in. apart. Thin plants to 6 in. in row. In Fall roots should be lifted and leaves trimmed 1½ in. from crown, remove side shoots and trim roots to about 9 in. Roots are then placed upright in trench 18 in. deep and 2 in. apart, fill trench with fine rich soil. A mulch of manure will hasten growth. Pkt. 10c., ½ oz. 25c., oz. 40c.

Sweet Corn One pound to 150 hills; twelve pounds per acre.

Plant in hills 3 feet apart each way and five to six kernels in a hill. Hoe often and draw soil up to the stem. Make ground rich with well rotted manure. For succession plantings should be made at intervals from May to July.

De Lue's Golden Giant. A yellow Corn like Golden Bantam, having ears almost twice as large and several days earlier. ½ 1b. 20c., 1b. 35c., 5 lbs. \$1.25.

Golden Bantam. Extremely hardy, allowing earlier planting than other varieties. Superior rich flavor. ½ 1b. 20c., 1b. 35c., 5 lbs. \$1.25.

Whipple's Early. Few days earlier than Golden Bantam, ears 7 to 8 in. long, 12 to 16 rowed; grows quite tall. Excellent quality. ½ 1b. 20c., 1b. 35c., 5 lbs. \$1.25.



Witloof Chicory



Corn Golden Bantam

Corn Salad, or Fetticus

Used as a salad. Is sown in early Spring in rows a foot apart and is fit for use in six or eight weeks from sowing. Large-leaved. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.50.

Cucumbers One ounce to 50 hills; 2 pounds per acre.

Cucumbers succeed best in warm, rich, sandy loam.

Plant when all danger of frost is past, in hills about 4 feet apart each way; the hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure; sow for pickling from the middle of June to the middle of July.

Improved White Spine. Thick, straight, smooth, shiny dark green; a general favorite for market or home. Pkt. 10c., oz. 20c., 1/4 lb. 60c., lb. \$1.50.

Early Russian. The earliest in cultivation; small and productive. Pkt. 10c., oz. 15c., 1/4 lb. 40c.

Early Cluster. Length about 5 in.; tender and productive. Pkt. 10c., oz. 15c., ½ lb. 40c.

Boston Pickling. True stock; the best variety for pickling. Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.00.

Everbearing. Small sized, early and enormously productive. Pkt. 10c., oz. 15c., ¼ lb. 50c.

Davis' Perfect. Long, slender, rich dark green. Superb quality. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$1.50.

Improved Long Green. 10 to 12 in. in length; dark green. Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$1.50.

Japanese Climber. Can be grown either as an ordinary ridge Cucumber or as a climber. Pkt. 10c., oz. 20c., 1/4 lb. 75c.

English Frame Telegraph. For hotbeds. Pkt. 25c.

Potter's Excelsior, or Squantum. Very sweet and tender; one of the finest for main crop. ½ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Crosby's Early. Matures after Cory; excellent quality. 1/2 lb. 20c., lb. 30c., 5 lbs. \$1.25.

Stowell's Evergreen. One of the most popular varieties for main crop. ½ 1b. 20c., 1b. 30c., 5 lbs. \$1.25.

Black Mexican. Very sweet and superior quality. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Country Gentleman. The sweetest and most tender of all varieties. ½ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Cress, or Peppergrass

A well-known pungent salad; cover very slightly; sow at frequent intervals to keep up a succession; to be used before the flowers appear.

Extra Curled. Very fine; may be cut two or three times. Pkt. 10c., oz. 20c., ¼ lb. 40c. Upland. Hardy perennial; adapted to any soil, wet or dry.

Upland. Hardy perennial; adapted to any soil, wet or dry. A very rapid grower and ready for use very early in the Spring. Pkt. 10c., oz. 20c., ¼ lb. 60c.
Water Cress. Hardy perennial aquatic plant. Pkt. 10c.,

oz. 40c.



Cucumber Improved White Spine

Dandelion One

One ounce will sow 100 feet of drill; 2 pounds to one acre

Sow in May or June in drills a foot apart, press the earth firmly over the seed, cultivate during Summer, cover lightly with straw during Winter and the following Spring the leaves will be fit to cut. The roots when dried and roasted are often employed as a substitute for coffee.

Improved Broad-leaved. Pkt. 10c. and 25c., oz. 90c., $\frac{1}{4}$ lb. \$2.50.

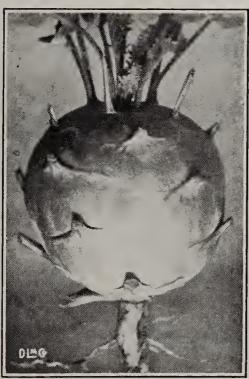
Common French. A fine, large leaf variety, imported seed. Pkt. 10c., oz. 40c., \(\frac{1}{4} \) lb. \\$1.25.



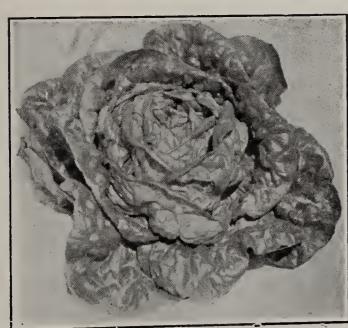
Eggplant, Black Beauty



Endive, Broad-leaved



Kohlrabi, White Vienna



Lettuce, Wayahead

Eggplant One ounce will produce about 1000 plants

The seed should be sown in hotbeds the first week in April. Plant out about June 1st, about 2½ feet apart. The Eggplant will thrive well in any good garden

Black Beauty. Fully ten days earlier than Imp. New York, remarkably healthy growth and large fruit. Pkt. 10c. and 25c., oz. 75c.

Improved New York Spineless. Quite free from spines, fruit of large size and perfect form; two weeks earlier than the old variety. Pkt. 10c. and 25c., oz.

Endive One ounce will sow 150 feet of drill

For an early supply sow about May 1st. Used mainly in Fall, the main sowings are made in June and July in rows 1½ feet apart covering seed firmly with ½ inch of soil, thin to 8 or 12 inches apart. When grown tie to blanch.

Green Curled. Hardy, leaves dark green, tender. Pkt. 10c., oz. 25c., 1/4 lb. 60c., lb. \$1.50.

Batavian Broad-leaved. Leaves long and broad, chiefly used in soups. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$1.50.

Kohlrabi

The seeds of this plant may be sown at the same period as the Swedish or Rutabaga Turnip, and may be cultivated in the same way, remembering to leave the chief part of the stems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the Spring, even later than those of Turnips.

Early White Vienna. An early variety having few leaves. Bulbs smooth, white, medium size. Ready for use in about 10 weeks. Pkt. 10c., oz. 25c., 1/4 lb. 75c. Early Purple Vienna. Later than the White. Pkt. 10c., oz. 25c., 1/4 lb. 75c.

Leek

One ounce will sow 100 feet of drill

The Leek is very hardy and easily cultivated. Sow in April in drills 1 foot apart and transplant in July into rows 15 inches apart and 6 inches in the rows. The soil should be rich but not freshly manured. The Leek is a member of the Onion family and the method of cultivation is like the Onion except that it should be grown deeper in the ground.

Large American Flag. The kind mostly grown for market. Pkt. 10c., oz. 25c. $\frac{1}{4}$ lb. 75c.

Musselburgh. Grows to very large size. Pkt. 10c., oz. 25c., ¼ lb. 75c.

Lettuce

One ounce will sow 100 square feet or 120 feet of drill

The earliest sowing may be made in February or March under glass, with slight heat. For later supplies, sow in the open ground, as the season will permit, thin out well and set in rows 2 feet apart and a foot between the plants. Lettuce requires good ground and abundant moisture.

Wayahead. Very early and close heading, large size and superior quality. Pkt. 10c., oz. 25c., 1/4 lb. 75c.

Iceberg. See New York.

Improved Salamander. Withstands hot weather remarkably well. Plants large, compact. Leaves large, broad, overlapping with heart, well blanched. One of the best for Summer planting. Pkt. 10c., oz. 25c., 1/4 lb. 75c.

> Big Boston. Fine for coldframes or outof-doors. Head large and solid. Pkt-10c., oz. 30c., ¼ lb. 75c.

Curled Silesia. A favorite curly or looseleaved sort for the home garden. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c.

New York. Also called Los Angeles and Wonderful. Large, compact head with frilled edge, dark green leaves. Pkt. 10c., oz. 35c., 1/4 lb. \$1.00.

Crisp As Ice. Medium size, solid head; one of the best bronze leaved sorts. Pkt. 10c., oz. 25c., ½ lb. 75c.

Self-Folding Cos, or Romaine. Should be sown early and tied up to blanch; long leaved, crisp and tender. Pkt. 10c., oz. 30c., 1/4 lb. 75c.

White Boston. Heads medium size, with tightly folded heart that blanch bright creamy yellow. Pkt. 10c., oz. 30c., ¼ lb. 75c.



Leek, Musselburgh



Muskmelon, Tip Top



Okra

Mustard One ounce to 80 feet of drill

Sow in shallow drills a foot apart, covering the seeds about a half inch deep. For succession sow every few weeks. The young leaves are used for salad or are cut and boiled like Spinach and the seeds are used for flavoring.

Fordhook Fancy. Leaves dark green, curved outward like a fine ostrich plume. Stands well even in hot weather. Pkt. 10c., oz. 15c., ¼ lb. 45c. White. Desirable for salads or culinary purposes. Pkt. 5c., oz. 10c., ¼ lb. 20c.,

1b. 50c.

Mushrooms

American Spore Culture Spawn. Produced from original spore cultures under the new French process which permits the indefinite production of selected varieties without dilution of the strain, and free of any trace of the parasitic disease of the Mushroom. Positively the most vigorous and prolific spawn on the market. Each brick weighs about 1 lb. and will spawn about 8 sq. ft. of beds. We keep on hand the cream white variety, which is generally preferred in the market. 1 brick 30c., 10 bricks \$2.50.

Muskmelon

One ounce to 80 hills; 2 to 3 pounds per acre

Prepare hills 4 to 5 feet apart each way; mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. When the weather has become warm, plant from 12 to 15 seeds in each hill; afterward thin out, leaving four good plants.

Bender's Surprise. Vigorous growth, disease resisting. Melons nearly round, flesh rich orange color and remarkably spicy flavor. Pkt. 10c., oz. 25c., 1/4 lb. 60c. Emerald Gem. Early. Small, flesh deep orange, very sweet, the best and most popular sort for this section. Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00. Extra Early Hackensack. Earlier than Hackensack and not quite as large.

Pkt. 10c., oz. 20c., ¼ lb. 60c. Tip Top. Medium size, round, yellow flesh. Pkt. 10c., oz. 25c., ¼ lb. 60c. Golden Netted Gem. One of the earliest, best and most prolific small Melons. Pkt. 10c., oz. 20c., ¼ lb 60c.

Lake Champlain. Probably the earliest of the salmon flesh Melons. Very sweet

and tempting, medium size. Pkt. 10c., oz. 25c., 1/4 lb. 75c., lb. \$2.00. Miller's Cream. Skin very thin, dark green; flesh salmon and excellent flavor. Pkt. 10c., oz. 25c., 1/4 lb. 60c.

One ounce to 30 hills; 4 to 5 pounds per acre Watermelon

Plant in hills as for Muskmelons, treat in all respects the same except that the hills should be about 8 feet apart. Price, all varieties, pkt. 10c., oz. 20c., 1/4 lb. 50c.

Cole's Early. Medium size, flesh bright red, excellent.

Phinney's Early. Early, sweet; flesh deep red.

Kleckley's Sweet. Vines vigorous, productive; flesh bright red, exceedingly sweet. Stone Mountain. A large Melon, nearly round, dark green rind. Sweet scarlet flesh with few seeds.

Hungarian Honey. Very early, nearly round, dark green skin, brilliant red flesh. Citron. For preserves only.

Okra, or Gumbo One ounce to 75 hills

Sow early in May, in drills 2 inches deep, setting the plants from 2 to 3 feet apart. Dwarf Green. The best variety for general cultivation. Pkt. 10c., oz. 20c.,

Perkins' Mammoth Long-podded. About 3 ft. high; very early and productive. Pkt. 10c., oz. 20c., ¼ lb. 50c. White Velvet. About $3\frac{1}{2}$ ft. high, early and productive. Pkt. 10c., oz. 20c.,

 $\frac{1}{4}$ lb. 50c.

One ounce will sow 100 feet of drill; Unions

A rather, strong, deep, rich, loamy soil is considered most suitable for Onion culture. Prepare ground the previous Autumn by plowing or spading deeply and applying a heavy coat of well rotted barnyard manure. Sow seed early in Spring in shallow drills 1 foot apart, covering with fine soil, and press down by the use of a light roller or the back of a spade. Thin plants to 4 inches and keep free from weeds,

Yellow Globe Danvers. True Buxton type. Standard sort, deep, globe-shape, large size, mild flavor and a good keeper. Pkt. 10c., 1b. \$1.00. oz. 30c.

Large Red Wethersfield. One of the most productive and longest keeping sorts. Large size, flat, purplish red color. Pkt. 10c., oz. 25c., 1/4 lb. 75c.

Southport Red Globe. Very early, globe shape, bright red color, ex-

cellent keeper. Pkt. 10c., oz. 30c., ¼ lb. \$1.00. Southport White Globe. Large, globe-shape, mild flavor and firm; a good keeper. Always commands a high price in market. Pkt.

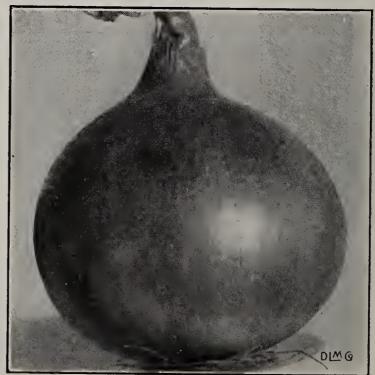
10c., ½ oz. 20c., oz. 40c., ¼ lb. \$1.25.

White Portugal. Excellent for family use, and recommended for pickling Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Prizetaker. Globe-shape, very large size, extremely mild flavored; is most satisfactory when sown early in hotbed and transplanted. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Onion Sets (Prices variable)

Lb. 10 lbs. Lb. 10 lbs. White Sets......\$0.25 \$2.00 Red Sets.....\$0.25 \$2.00



Onion, Yellow Globe Danvers



Parsley, Champion Moss Curled



Parsnip, Hollow Crown



Pepper, Ruby King

Parsley One ounce will sow 150 feet of drill

Sow thickly in drills a foot apart and half an inch deep early in the Spring, having soaked seed in tepid water a few hours.

Champion Moss Curled. Fine and unsurpassed for garnishing. Pkt. 10c., oz. 20c., 1/4 lb. 50c.

Plain-leaved. Excellent flavor. Pkt. 10c., oz. 20c., 1/4 lb. 40c.

Hamburg-rooted. Fleshy vegetable root for soups, etc. Pkt. 10c., oz. 25c., 1/4 lb. 75c.

Parsnip

One ounce will sow 200 feet of drill; 5 lbs. per acre

Sow as early as possible in drills $2\frac{1}{2}$ feet apart and half an inch deep, and press the soil firmly over the seed; succeeds best in rich, sandy loam, deeply tilled and avoid fresh manure.

Hollow Crown, or Long Smooth. The standard sort for general use. Pkt. 10c., oz. 20c., ½ lb. 40c., lb. \$1.00.

Peas One pound will plant about 75 feet of drill; 75 pounds per acre



Plant the extra early smooth varieties as soon as the ground can be worked, and the wrinkled sorts soon as the ground becomes warm. Make rows for

STIMUGERM LEGUME INOCULATION

dwarf varieties 21/2 feet apart and for tall sorts 3 feet apart.

Laxton's Progress. An improvement over Laxtonian; height 18 in., dark green pods averaging nine peas to the pod. ½ 1b. 20c., 1b. 35c., 5 lbs. \$1.50.

Laxtonian. A large-podded sort resembling the Gradus though more dwarf and a little earlier. Vines vigorous, growing about 18 in. high, well covered with large, pointed pods, averaging eight or nine to the vine, and nine to ten peas in a pod. Most excellent quality. ½ 1b. 20c., 1b. 35c., 5 lbs. \$1.50.

Gradus. Variety rivaling the First Earlies; produces pods and peas equal to large, marrow sorts. Unexcelled in quality and flavor. ½ 1b. 20c., 1b. 35c., 5 lbs. \$1.50.

Thomas Laxton. Resembles the Gradus in size of pod, but darker color. 1/2 lb. 20c., lb. 35c., 5 lbs. \$1.50.

New York Market. Very early and productive. A general favorite among market gardeners; robust in growth; height $2\frac{1}{2}$ ft. $\frac{1}{2}$ lb. 20c., lb. 35c., 5 lbs. \$1.50.

Alaska, or Earliest of All. The earliest Pea in cultivation, matures nearly its entire crop at one picking; height $2\frac{1}{2}$ ft. $\frac{1}{2}$ lb. 20c., lb. 35c., 5 lbs. \$1.50.

American Wonder. One of the earliest wrinkled Peas, dwarf and robust in growth, pods long and well filled; height 10 to 12 in. ½ lb. 20c., lb. 35c., 5 lbs. \$1.50.

Nott's Excelsior. An excellent dwarf wrinkled Pea, robust, vigorous. Peas and pods large. ½ 1b. 20c., 1b. 35c., 5 lbs. \$1.50.

New Dwarf Champion. A sort with all the merits of the Champion of England. Height 26 in.; matures little after Little Gem. ½ lb. 20c., lb. 35c., 5 lbs. \$1.50.

Telephone. A very popular variety, height $3\frac{1}{2}$ ft. Pods 5 to 7 in. long, containing 8 to 12 peas of unequaled flavor. $\frac{1}{2}$ lb. 20c., lb. 35c., 5 lbs. \$1.50.

Peppers One ounce will produce about 2000 plants

Sow the seed in March or April in a hotbed and transplant to open ground as soon as the weather is quite warm, in rows about 20 inches apart and 15 inches apart in the row. A warm, sandy loam is best.

Giant Crimson. Fruits are of largest size; ripen earlier than any other very large sort and average heavier as flesh is exceptionally thick. Plants upright 2½ to 3 ft. high, larger and more productive than Chinese Giant. Deep crimson color, mild flavor. Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.00. Large Bell. A standard sort, large size, moderately pungent. Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.25.

Ruby King. Very mild, fruits 4 to 6 in. long; excellent for stuffing; a very popular sort. Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.25.

Long Red Cayenne. Bright red, slender pods, very pungent. Pkt. 10c.,

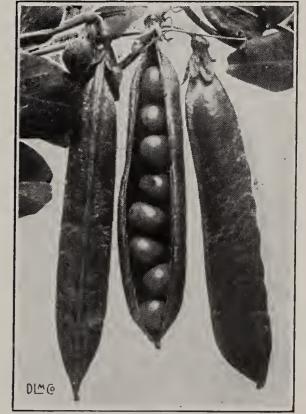
½ oz. 25c., oz. 40c.

Chili. Very small, red, very pungent. Pkt. 10c., ½ oz. 40c., oz. 75c.

World Beater. A popular early, very large-fruited, thick-fleshed, mild-flavored sort. Plants upright, 2½ to 3 ft. high. Fruit deep green, turning to deep crimson when mature. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.

Potatoes

All leading varieties, choice Maine grown stock, at lowest market prices.



Peas. Telephone

Pumpkins

Pumpkins are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 8 feet apart.

Yellow Sugar. Very sweet; an excellent table sort. Oz. 20c., 1/4 lb. 40c., lb. \$1.00.

Connecticut Field. For feeding stock. Oz. 15c., ¼ lb. 35c., lb. 75c. Large Cheese, Flat. One of the best varieties for family use. Pkt. 10c., oz. 20c., ¼ lb. 35c., lb. \$1.00.

Mammoth. Grows to immense size. Pkt. 10c., oz. 25c.

Radishes One ounce will sow 100 feet of drill

Radishes require a light, rich, sandy soil. For an early supply sow in a hotbed in February, care being taken to give plenty of ventilation. For a successive supply sow from the middle of March until September, at intervals of two or three weeks.

For forcing in greenhouses, hotbeds and coldframes Early Scarlet Globe. or open ground sowing, this is one of the very best globe-shaped, fine scarlet color, crisp, mild and tender. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.25.

French Breakfast. Olive-shaped, bright scarlet, white tipped. A favorite sort. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.

Long Scarlet, Short Top. Long, smooth, crisp and tender. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.

Scarlet Turnip, White Tipped. Very early, excellent quality. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.

White Giant Stuttgart. Top-shape, white skin and flesh; Summer variety, but does not become nithy and can be sorted for Winter. Pkt. 10c., oz. 20c. but does not become pithy and can be sorted for Winter. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.25.

Long Black Spanish. An excellent Winter sort. Pkt. 10c., oz. 20c., 1/4 lb. 60c., lb. \$2.00.

Round Black Spanish. A Winter variety. Pkt. 10c., oz. 20c., ¼ lb. 60c., 1b. \$2.00.

Icicle. Long, white, rapid growing. Pkt. 10c., oz. 20c., 1/4 lb. 50c., lb. \$1.25.

Rhubarb

Two year seedlings, much stronger than divisions. Each Rhubarb Roots. 35c., doz. \$3.50

> Spinach One ounce to 100 feet

For Summer use sow early in March in drills 15 inchesa part, and for succession at intervals of a fortnight. For Winter use, sow late in August. The soil should be heavily manured and deeply trenched.

Giant Thick-leaved. A strong-growing, early market variety; large, thick leaves, deep green color. The best for Spring or Fall sowing. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Bloomsdale. Savoy-leaved, very early and one of the best for Fall or early Spring planting; leaves dark green, medium size and crumpled, much like the Savoy cabbage. Oz. 10c., ¼ lb. 25c., lb. 60c.

King of Denmark. Ideal for Spring sowing; very slow to run to seed. Strong, vigorous plants, dark green crumpled leaves. Oz. 10c., 1/4 lb. 30c., 1/4 lb. 75. lb. 75c.

New Zealand. Entirely distinct variety; produces a large quantity of leaves; for Summer use. Sow early in Spring. When cut branches out and makes new growth, producing until frost. Pkt. 10c., oz. 20c., ¼ lb. 40c., lb. \$1.00

Bush sorts, one ounce to 50 hills; 6 pounds per acre Squash Running sorts, one ounce to 16 hills, 4 pounds per acre

The Squash is a very tender vegetable, sensitive to cold, and cannot in our climate be planted before the middle of May. Plant in rich soil, in hills prepared similar to those for Cucumbers. All sorts, thinned to not over three plants to a hill.

Giant Summer Crookneck. Larger than the ordinary Summer Crookneck. Pkt. 10c., oz. 20c., $\frac{1}{4}$ 1b. 50c., 1b. \$1.50.

Golden Summer Crookneck. Golden yellow fruit, early and prolific. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Straightneck. Like Crookneck, with straight neck, golden orange warted, fine quality. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

White Bush Scallop. good market sort. Pkt. 10c., oz. $20c., \frac{1}{4}$ lb. 50c., lb. \$1.60.

Yellow Bush Scallop. Yellow, flat, scalloped edge. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.

Essex Hybrid. A fine tall variety. Turban type. Pkt. 10c., oz. 20c., 1/4 lb. 40c., lb. \$1.40.

Delicious. A Fall and Winter variety. Medium size, thick, bright yellow flesh; excellent flavor. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.75. Boston Marrow. A good keeping Winter sort. Pkt. 10c., oz. 20c., ½ lb. 40c., lb. \$1.40.

Golden Hubbard. Similar to the standard sort except in color. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

The standard Winter Hubbard. Pkt. 10c., oz. 20c., Squash. 1/4 lb. 50c., lb. \$1.75.

Symmes Blue Hubbard. Bluish green skin; golden orange flesh; very dry and excellent keeper. Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$1.75.

Vegetable Marrow (English). Pale straw color, changing darker. White flesh. About 9 in. long. Pkt. 10c., oz. 20c., 1/4 lb. 60c. Cocozelle, Italian Vegetable Mar-Mottled dark and light green, 12 to 20 in. long. Pkt. 10c.,

oz. 20c., ¼ lb. 50c., lb. \$1.75. Zucchini. A Cocozelle type, fruit 13 to 14 in. long, dark green skin, thick meat. Pkt. 10c., oz. 20c., $\frac{1}{4}$ 1b. 50c.



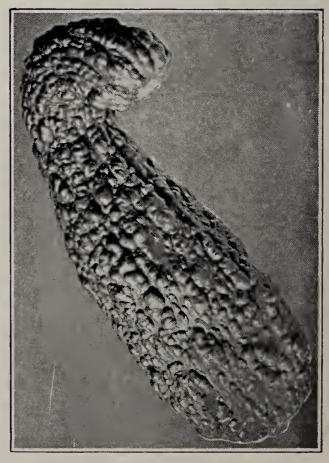
Pumpkin, Yellow Sugar



Radish, Early Scarlet Globe



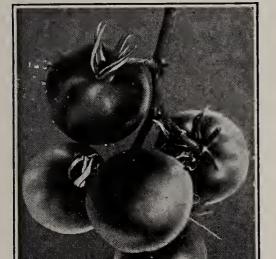
Squash, Hubbard



Crookneck Squash



Spinach, Giant Thick-leaved



Tomato, Bonny Best

Salsify, or Oyster Plant One ounce to 50 feet of drill

The Salsify has a long white, tapering root, resembling a small Parsnip; when properly cooked it has the flavor of an oyster, and is a good substitute. Sow early in drills 15 inches apart; cover the seeds an inch and a half deep in light, well enriched soil, worked to a good depth, avoiding coarse and fresh manure. Roots are hardy and improved by frost.

Sandwich Island. Grows to a large size; very mild flavor. Pkt. 10c., oz. 25c., 1/4 lb. 75c.

Tomatoes One ounce will produce about 2000 plants

The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, set out in boxes, 3 inches deep, 4 inches apart, in another hotbed, or pot singly. If transplanted a second time will be stocky and branching. When the weather has become mild, transplant into warm, light, rich soil 4 feet apart.

John Baer. Few days later than Earliana. More uniform, attractive and productive. The most profitable extra early variety. Pkt. 10c., oz. 40c., ½ lb. \$1.25.

Bonny Best. Almost as early as John Baer. Smooth, uniform fruit, bearing well until frost. Pkt. 10c., oz. 40c., ½ lb. \$1.25.

frost. Pkt. 10c., oz. 40c., ¼ lb. \$1.25.

Acme. Very early, smooth, color purplish pink. Pkt. 10c., oz. 40c., ¼ lb. \$1.25.

Dwarf Champion. A distinct variety; robust, short jointed; fruit early, medium size, crimson color. Pkt. 10c., oz. 40c., ¼ lb. \$1.25.

Matchless. A dependable scarlet; main crop variety; very solid and meaty. Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.

Dwarf Stone. Large-fruited dwarf sort. Color bright scarlet. Pkt. 10c., oz. 50c., ½ 1b. \$1.50.

Stone. A remarkable main crop variety; robust, solid and very little seed capacity; very productive; quality unexcelled. Pkt. 10c., oz. 35c., ¼ lb. \$1.00. Ponderosa. The largest variety in cultivation. Pkt. 10c., oz. 60c., ¼ lb. \$2.00.

Golden Queen. A large, smooth, yellow variety. Pkt. 10c., oz. 50c. Strawberry (Husk). A favorite preserving sort. Pkt. 10c., oz. 40c.

Yellow Plum, Red Plum, Red Peach. Pkt. 10c., oz. 50c. Marglobe. One of the best, all purpose varieties. Globe shape, free fr

Marglobe. One of the best, all purpose varieties. Globe shape, free from wilt and nail head rust; uniform, deep scarlet, smooth and solid. Pkt. 10c., oz. 50c., ¼ lb. \$1.50. Break o'Day. Early, globe shaped, scarlet fruit, medium size, very productive. Pkt. 10c., oz. 50c., ¼ lb. \$1.50.

Pritchard (Scarlet Topper). Wilt resisting type of plant known as Self-topping. Midseason to late; globe shaped, deep scarlet; good home or market sort. Pkt. 10c., oz. 60c., ¼ lb. \$1.75.

Oxheart. Late, large fruited variety, distinct in appearance and its oxheart shape. Mild, acid and pleasing flavor. Pkt. 10c., ½ oz. 60c., oz. \$1.00.

Tobacco One ounce will produce plants for one acre

Sow broadcast in hotbeds or open ground soon as it can be worked. Keep free from weeds, water freely. Set out June 1st 3 feet apart on highly manured ground.

Connecticut Seed Leaf. A hardy variety adapted to growing in northern states. Pkt. 10c., oz. 50c.

Havana. The leaf is very thin and fine texture. Pkt. 10c., oz. 50c.

Herbs Packages 10c.

Uz.		Uz.
0.15	Rosemary	\$0.50
.20	-	_
	_	
.50	Thyme	.40
.30	Sorrel	.25
	.15 .20 .10 .15 .25	.20 Rue

Vegetable Roots and Plants

Asparagus, Mary Washington. The earliest and produces more and larger stalks than other strains; the highest rust-resisting variety; so much better you can see the difference. Extra, 2-yr.-old roots. Doz. 35c., 100 for \$1.50, 1000 for \$12.00.

Rhubarb Roots, Victoria. Two year old seedlings. Much stronger than divisions. Each 35c., doz. \$3.50.

Horseradish, Maliner Kren. Strong cuttings. Doz. 25c., \$1.50 per 100.

Cabbage, Celery, Lettuce. Doz. 25c., \$1.50 per 100. Cauliflower, Pepper, Tomato. Doz. 35c., \$2.00 per 100.

Eggplant. Doz. 50c.

Sweet Potato Plants. Early in June. \$1.00 per 100.

Turnips

One ounce will sow 150 feet of drill; one pound per acre in drills, 2 to 3 pounds broadcast

For Summer use, sow early in the Spring in drills and thin out to 8 inches. For Fall and Winter, sow from July to September. Rutabagas should be sown in June or early in July, in drills 18 inches apart; thin out when large enough, 6 to 9 inches apart in drill, according to size.

Extra Early Purple Top Milan. The earliest Turnip. White, flat, medium size. Pkt. 10c., oz. 20c., ¼ lb. 60c. Red Top Strap Leaf. A popular, quick-growing sort. Pkt. 10c., oz. 15c., ¼ lb. 30c., lb. 75c.

White Egg. Rapid growth, pure white, egg-shaped, fine-grained. Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.25.
Golden Ball. Medium size and excellent quality. Pkt.

10c., oz. 15c., ¼ lb. 40c., lb. \$1.00.

Budlong White Rock. Much smoother than the old type.

White flesh, mild and sweet. Pkt. 10c., oz. 15c., ¼ lb.

40c., lb. \$1.00.

Cow Horn. Flesh white, fine grained, a good table sort. Pkt. 10c., oz. 15c., 1/4 lb. 40c., lb. \$1.20.

Macomber. A white rock variety earlier than Budlong and a favorite with many growers. Pkt. 10c., oz. 20c., 1/4 lb. 40c., lb. \$1.00.

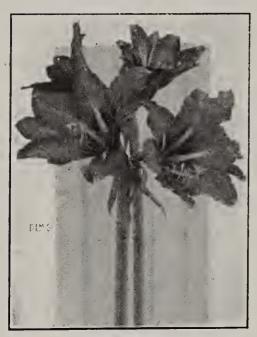
Improved American. Yellow flesh, excellent quality. Pkt. 10c., oz. 15c., ½ lb. 40c., lb. \$1.00.

Shogoin, or Japanese. A foliage variety producing an abundance of leaves for greens and reproduces when cut. Free of insects; roots sweet and tender. Pkt. 10c., oz. 15c., 1/4 lb. 40c.

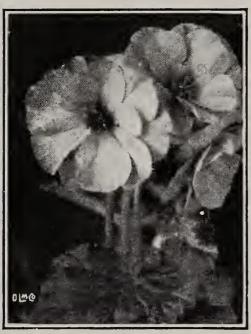
Bulbs for Fall Planting

HYACINTHS, NARCISSUS, CROCUS, SCILLAS, SNOWDROPS, CALLAS, LILIUM candidum, and Regale. TULIPS, Single and Double Early: Darwin, Breeders, May flowering

SUMMER FLOWERING BULBS



Amaryllis



Begonia



Cannas

Tuberoses

In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no special preparation is necessary. Place the bulb so the top will be covered about 1 inch with soil.

Excelsior Pearl. Extra large, fine flowering bulbs. No. 1 Bulbs, per doz. 60c., 100 for \$4.00; Mammoth Bulbs, per doz. \$1.00, 100 for \$7.50.

Amaryllis

Giant Hybrids. Our bulbs are from the finest collection in America. size of bloom, range of colors and markings surpass any former offerings. Extra large bulbs, 75c. each, \$8.00 per doz.

Begonias Tuberous Rooted

Begonias are indispensable for shady places in the garden or lawn, also desirable for pots or piazza boxes. Start in the house in March or April and remove to the open ground as soon as danger of frost is past. They will bloom freely from July until cut down by the frost. Dry tubers may also be planted in the open ground in May. Care should be taken to keep constantly moist.

Single. White, yellow, rose, scarlet, crimson, salmon. Frilled or Crested and Double Mixed Colors. Price, extra fine bulbs, each 25c., doz. \$2.50.

Caladium

Esculentum. This is one of the most beautiful and striking of the ornamental foliage plants, for growing in pots, for planting on the lawn, or mass in beds. It is of the easiest culture in any good garden soil. Dry bulbs, large size, each 20c., doz. \$2.00.

Cannas Large Flowering

All varieties, each 10c., doz. \$1.00.

City of Portland. Glowing pink, profuse bloomer; green foliage. 3½ ft. Express. Brilliant scarlet-crimson. 2½ ft. Green foliage.

Gladiator. Brilliant yellow, spotted crimson. Robust grower. 4½ ft.

King Humbert. Bronze foliage. Flower heads of immense size. Orange-scarlet, rose-tinted. One of the finest Cannas.

President. Superior to all other red varieties in quality and quantity of bloom. Glowing scarlet; green foliage. 4 ft.

Richard Wallace. Canary-yellow, green foliage. 4 ft.

Lilies

Auratum (The Golden-rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Mammoth Size Bulbs. Each 40c., doz. \$4.00.

Rubrum. White ground with bands and spots of rose or crimson on each petal. One of the best Lilies. We have a splendid stock of this very hardy and beautiful bind. Mammoth Size Bulbs.

kind. Mammoth Size Bulbs. Each 40c., doz. \$4.00.

Regale (Myriophyllum). White, fragrant flowers shaded pink outside, lower inner surface primrose yellow. Hardy. 3 to 5 ft. high. Good Blooming Size

bulbs. Each 35c., doz. \$3.50.

Tigrinum splendens (Tiger Lily). Orange red, spotted black. Free blooming, very hardy, the easiest of all Lilies to grow. Each 25c., doz. \$2.50.

Umbellatum grandiflorum. This variety produces large heads of orange flowers. Free blooming, 2 ft. Large Bulbs. Each 25c., doz. \$2.50.

Madeira Vine

A rapid growing vine with fragrant white flowers. Each 15c., doz. \$1.50.

Montbretia

Flowers produced on long graceful stems, colors ranging through yellow, orange and red. Particularly bright. Mixed colors. Mixed Colors. Doz. 60c., 100 for \$4.00.

Oxalis

These Summer flowering bulbs should be planted out early in May, covering about 2 inches deep. Extra Large Bulbs, White or Pink. Doz. 35c., 100 \$2.00.

(Red Hot Tritoma Poker)

Pfitzeri. Blooms August to October, with spikes 3 to 4 ft. high and heads of orangescarlet bloom.

Strong roots, 25c. each, doz. \$2.50.

Hybrids. Blooms early and continuously until frost. Small flowers on wiry stems, blending orange, red, yellow and lemon shades.

35c. each. doz. \$3.50

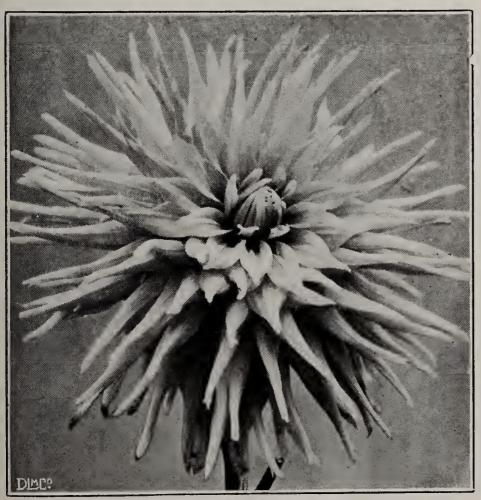


Lilium auratum

DAHLIAS

Our Dahlias are all divisions of field grown roots of suitable planting size. Clean, healthy stock.

DECORATIVE	Each
Amun Ra. Distinct in color and formation. Outer petals, copper and orange, shading to gold and amber deepening to reddish brown in center	80.50
Bashful Giant. One of the largest flowering varieties. Apricot, with golden suffusion and shadings	.40
Calvin Coolidge Jr. Habit of growth, form and size of flower similar to Jersey Beauty. Color rose pink suffused salmon	.75
Dr. H. L. Tevis. Salmon rose shading to old gold.	.50
Jane Cowl. Deep massive blooms of bronzy buff and old gold, blending darker toward center. Wonderful exhibition flower	.50
Jersey's Beauty. The most popular variety for cut flowers. Beautiful pink in color, strong stem and excellent keeper	.35
Jersey's Beacon. Well formed flowers of great size and depth. Color Chinese scarlet	.35
Jean Kerr. The perfect white dahlia. An early and constant bloomer	.25
Kittie Dunlop. Carmine rose, large size, continuous bloomer	.35
Mrs. Carl Salbach. One of the finest lavender pink sorts	.35
Mrs. I. de Ver Warner. Produces a profusion of perfect flowers under all conditions. Refined, pleasing mauve-pink. Early and continuous	
bloomer	.25
Paul Michael. Often ten inches in diameter, almost color of gold. One of the finest garden Dahlias, but not the best of keepers	.40
Pride of California. A giant dark red that is hard to beat for size and beauty	.25
Sagamore. Light saffron yellow with salmon tints. Medium size flowers, much prized for picking	.35
Sampson. Immense deep blooms borne on strong stems. A beautiful combination of scarlet and gold	.50



Snowdrift. Giant white, one of the few desirable white varieties.....

Hybrid Cactus Dahlia



Decorative Dahlia

Decorative Damia
Each
Sylvia Dickey. Large and very free bloomer. Color beautiful phlox pink\$0.25
Yellow Colosse. A free bloomer and good keeper. Good size flowers of bright color
HYBRID CACTUS Each
Bertha Horn. A large and very fine flower of bronzy orange yellow tinted apricot\$6.25
Cigarette. Creamy white edged pomegranate red; large, deep well formed flower
F. W. Fellows. Large flower of unusual striking orange color, composed of large straight narrow petals
Gladys Sherwood. Large, well formed flowers of glistening white
Kalif. Bright scarlet, good sized bloom. Free blooming, good keeper and fine stem
Mrs. Edna Spencer. Beautiful shade of orchid lavender pink shading to white
Mt. Shasta. Very large and full flower of a dainty blending of colors of a light shell pink with a yellow overcast
Quaker City. A reliable and free blooming hybrid cactus. Fair size flower of a beautiful primrose yellow color
U. S. A. Flowers large size, good formation, strong stem. Distinct from all others in color, a pure, deep orange sparkling and glistening

POMPON

The Pompon Dahlias have been neglected for some time, but in the last few seasons have attracted considerable attention. Being dwarf in growth they require little support. Desirable for permanent decoration or as a cut flower.

Ganymede. Exquisite shade of fawn,

Helen Cottrell. Baby pink.

Joe Fette. Pure white.

Kleine Domitea. Orange buff.

Little Herman. Variegated red and white.

Little Jennie. Pale primrose.

25c. each, \$2.50 per doz.

GLADIOLUS

Bulbs planted in open ground in Spring produce plants with long, rushlike foliage and magnificent

flower spikes early in the following Autumn.

Our stock is all No. 1 grade, clean, w		grade Doz.	
America. One of the finest varieties; color soft fleshpink; orchid-like in color and texture\$			
Anna Eberius. Dark lavender, shading to purple throat; fine, long, well set spike	.10	.60	4.00
Captain Boynton. Soft lavender over white ground, clear cut purple blotches. Tall spikes carrying up to 18 buds	.10	.75	5.00
Carmen Sylva. Pure white, tall growing, blooms large and many opening at once	.10	.60	4.00
Crimson Glow. Large brilliant crimson	.10	.60	4.00
Duchess of York. Rich indigo-blue almost twice the size of Baron Hulot. Strong stem, heavily budded.	.12	1.00	7.00
E. J. Shaylor. Deep rose-pink, tall, straight grown. Ruffled	.10	.60	4.00
Gold. Extra fine golden yellow; the finest of its color.	.12	1.00	7.00
Herada. Blooms large, spikes tall and straight. Pure mauve with deeper markings at throat	.10	.60	4.00
Joe Coleman. Rich red, with darker blotch, ruffled	.10	.75	5.00
Kunderd's Yellow Wonder. Good clear yellow,		•••	
robust plant six to eight flowers open at one time early	.15	1.50	
Louise. The orchid Gladiolus. Lavender-pink, shading to mauve	.10	.75	5.00
Mr. W. H. Phipps. Clear pink shading to salmon in throat; enormous flowers on massive spikes	.12	1.00	7.00
Mrs. Dr. Norton. Cream center shading to pink, lower petal blotched sulphur. A superior variety	.10	.60	4.00
Mrs. Leon Douglas. Begonia rose with flecks of flame scarlet, lower petal crimson with specks of ruby red; leaves, spike and flowers of enormous size. An outstanding variety	.10	.75	5.00
Mrs. Watt. Glowing American Beauty red. Nearly			1
all flowers open at one time	.12	1.00	6.00
Mrs. Francis King. Beautiful light scarlet	.10	.60	4.00
Mrs. Frank Pendleton. Large, well expanded flowers, light pink blotched blood-red in throat	.10	.60	4.00
Orange Glory. Tall straight growth, large blooms, many opening at one time. Clear orange color	.12	1.00	7.00
Persia. Deep maroon, large flowering. The best of the dark varieties	.12	1.00	7.00
Purple Glory. Rich velvety maroon with almost black blotches. Ruffled	.12	1.00	6.00
Schwaben. Rich orange yellow with carmine blotch, extra long spike. Reselected stock	.10	.75	5.00
Scarlet Wonder. Pure deep scarlet; magnificent in color and size	.10	.75	5.00
White Glory. A gorgeous pure white ruffled sort with beautiful iris-blue throat	.12	1.25	8.00



Pino's Special Mixture Gladiolus

Selected to cover a wide range of types, and we have given special attention to the selection of the lighter and more desirable shades. All bulbs strictly first size and large flowering varieties.

Doz. 40c., \$2.50 per 100, \$22.00 per 1000

GARDEN TOOLS AND REQUISITES

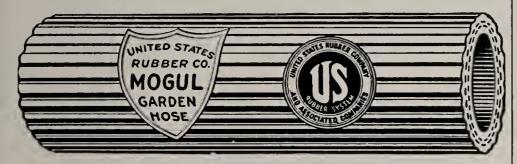
Used in transplanting Cabbages, etc. Steel points. Each 90c.



Gloves. A soft, pliable, all-leather, dirt proof glove for both men and women—specially adapted for general home use, such as

housework, garden, garage, furnace. Pair 75c.

Garden Hose. "U. S." Mogul, 5% in. size only; recommended as the most convenient and economical size; 25 ft. length \$4.00, 50 ft. length \$7.50.



Hose Menders. Cooper's. Made of heavy brass. Requires no wire or pliers to adjust them. For ½-inch or ¾-inch hose. Each 10c., doz. \$1.00; 1-inch, each 10c., doz. \$1.00. Hose Nozzle. New Boston Spraying. Coarse or fine spray,

large or small stream. 75c.

Grafting Wax. ½ lb. pkg. 15c., ½ lb. 30c., lb. 55c.

Grass Hooks (Sickles). English, each 80c. and \$1.00.

Japanese Broom Rake. Cleans the lawn as completely as though swept with a broom. 90c.

Keep Off the Grass Signs. Galvanized. 75c.

Knives Budding and proving \$1.00 to \$2.00

Knives. Budding and pruning. \$1.00 to \$2.00. Knives. Asparagus. For cutting Asparagus under the surface 50c. each.

Edging Knife. Handled. \$1.35. Lawn Rakes. Wooden, best quality. Each \$1.25. Rakes. Garden, steel, 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth,

\$1.25; 18 teeth, \$1.45.

Scythes. Cast steel. Best quality. American \$1.90, English \$2.75.

Scythe Stone. Talacre, oval. Each 25c.

Shears. Grass border. English. 9-in. \$5.75; with wheel, \$6.50.

Shears. Hodge 2:in \$2.25. 9-in \$3.80. 10-in \$4.30. with Shears. Hedge. 8-in. \$3.35; 9-in. \$3.80; 10-in. \$4.30; with

notch, 50c. extra. Shears. Hand pruning. American. Each \$1.00 to \$2.50. French. 8-in. \$2.50, 9-in. \$2.75. Shears. Lopping. American. \$1.90. Shears. Sheep. Used for trimming grass borders. \$1.00 to \$1.50. Saws, Pruning. 18-in. \$1.00, 20-in. \$1.25. Shovels. Ames' square and round pointed, long or short handles.

\$2.50.

Shovel. Steel. Each \$1.50.
Spades. Steel. \$1.50 to \$2.50.
Thermometers. Tested and guaranteed. Japanned, tinned case 60c. each, \$6.00 doz.

Thermometers. Incubator. Various patterns. Each 50c. Thermometers. Brooder. Each 35c. Thermometers. Hotbed and Mushroom bed. Boxwood, brass

tip, made for plunging. \$1.00.

Trowels. Garden. Forged steel. English. 75c.

Trowels. Garden. Common, steel blade. Each 20c.

Trowels. Garden. Solid steel. Each, 6-in. 35c.

Savo Steel Flower Boxes



Self-watering, for "windows,

porches, sun pariors, etc.		
	Ea	c h
Size A, 23 in. long		
· —		
Size B, 29 in. long	4.	.25
Size C, 35 in. long		
Size D, 41 in. long	5.	25

Folding Plant Stand

Can be opened or folded in a few seconds. Finished in green and bronze. Compact and durable. Takes up very little space when not in use. 3-wire trays, 7½x30,

Galvanized Iron Window Boxes

Well-made, heavy galvanized iron box fitted with conductor for sub-irrigation. 24-in. long, \$1.50; 30-in. long, \$2.00; 36-in. long Brown's Sprayers

Auto Spray No. 9B. The strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping the operator has nothing to do but release and direct the spray. Solution tank holds about four gallons, the air pump is made of seemless bress tubing lois made of seamless brass tubing located inside tank, protected from injury, and is provided with a cam locking device which closes the filler opening air-tight with a half turn of the pump handle. Our compressed air sprayers are all equipped with the Auto Pop nozzle; by a pressure of the fingers on the handle the spray is turned on and releasing pressure automatically shuts off. Complete, with brass tank,

Auto Pop nozzle and 2 ft. extension, \$9.50. Auto Spray No. 9D.
Same equipment as above. Galvanized tank,
Auto Pop nozzle, 2 ft.
extension. Each \$6.50. Auto Spray No. 5. A double acting general purpose hand pump. All working parts brass and interchangeable; easily

taken apart for cleaning. Pump may be used in any receptacle or in connection with the galvanized knapsack as offered.



Pump, Hose, Nozzle and Strainer. Complete, \$5.00.

Galvanized Knapsack. \$3.00.

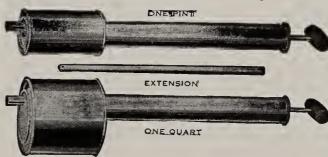
Auto Spray No. 6. Probably the most powerful bucket pump made; can easily generate a pressure of 200 lbs. Double Acting, spraying perfectly on both the up and down stroke, requiring about helf the approxy required for the ordinary pump. Value about half the energy required for the ordinary pump. Valves made completely of brass; also suction strainer and strainer in nozzle of brass. Foot rest 16 inches high, which will clear almost any bucket. Can be taken down or put together without aid of tools and is as easily cleaned as a gun barrel. Price, com-

plete, \$4.50. Auto Spray No. 26C. All brass continuous atomizer, using half

liquid and half air under pressure; easily dismounted and cleaned. Straight and angle nozzles. \$1.50.

Auto Spray No. 22. All tin, single acting hand sprayer. 50c. Nozzles, Non-Clog Junior, 75c.; Auto Spray, 60c.; Auto-Pop, \$1.50. Bordeaux, \$1.00.

Duster Brown Dry Powder Gun



A very practical duster of new design, especially adaptable for use in applying insect powders. It is simply constructed and works on a new principle re-cently discovered. The extension is of sufficient length to enable the operator

to spray ordinary field crops without thending over. Uses-For spraying dust on tobacco, small garden plo s, rose bushes, or in any place where dust is to be applied. It is especially adaptable for use in applying insect powders.

W eeders

Excelsior. Used for loosening the soil in borders and beds.

Each 20c. Hazeltine. Each 30c.

Magic. A very handy spring tooth hand weeder. Each 20c. to \$1.00.



Watering Pots, Galvanized

Made from the best quality iron and galvanized after being made. The strongest watering pot made. The joints are brass. Two copper face roses go with each pot for fine and coarse watering.

6-qt. \$5.50, 8-qt. \$6.00, 10-qt. \$6.50, 12-qt. \$7.00

Watering Pot, French Pattern.
Same as above in quality, oval in shape with brass handle. 6-qt. \$6.50, 8-qt. \$7.00, 10-qt. \$7.50, 12-qt. \$8.00. Extra Roses, 65c.
Watering Pots. Galvanized iron, short spout. 6-qt. \$5.00 \$1.15

short spout. 6-qt. 95c., 8-qt. \$1.15, 10-qt. \$1.40, 12-qt. \$1.60.



Watering Pots. Painted. For window gardening, without rose. Assorted colors, 2-qt. \$1.25.



Labels		
WOODEN POT AND GARDEN	100	1000
4-in. Pot Labels, Painted	.\$0.30	\$2.35
4½-in. Pot Labels, Painted	30	2.50
5-in. Pot Labels, Painted	35	2.75
6-in. Pot Labels, Painted	40	3.25
8-in. Garden Labels, Painted	. 1.00	8.00
10-in. Garden Labels, Painted	. 1.25	10.00
12-in. Garden Labels, Painted	. 1.50	12.50
3½-in. Copper Wired Tree, Painted	35	3.00
Simplex Weatherproof, $3x\frac{1}{2}$ in]	Doz. 35	c 2.50
Indestructo. Metal plant label.		
No. 1. 3/4 x33/4 in	. 1.50	
No. 2. 11/8 x 5 in	. 2.00	

Adjusto Plant Support

The most simple and easily adjusted plant supporter on the market. The ring opens to place about the plant, is hooked together and placed at any desired height on the stake.

4 ft	.Each	30c., doz.	\$3.00
5 ft	.Each	40c., doz.	3.60
6 ft	. Each	45c., doz.	4.50
18-in. for pot plants	.Each	10c., doz.	1.20
		•	

Timesaver Plant Support

Galvanized stake, loop top and sliding clip and fibre loop. The stake is shoved into ground, the sliding clip adjusted to proper height and the fibre loop drawn about the plant and drawn into the clip. Easily readjusted.

¥ -				 					
3	ft	 		 \mathbf{E}	ach	15c.,	doz.	\$1.40	
4	ft			 .E	ach	20c	doz.	2.25	
								2.75	

Glazed Flower Pots

Standard size pots with saucers to match, standard colorsgreen, yellow and blue. Special colors—rose, lavender and black.

	Stanuaru		Special
Inches		Inches	_
3		\$0.30 3	\$0.40
4		.40 4	
5		.50 5	.60
6		.65 6	.7 5
			1 . 25
8		1.25 8	1.50
9		1.50 9	2.00

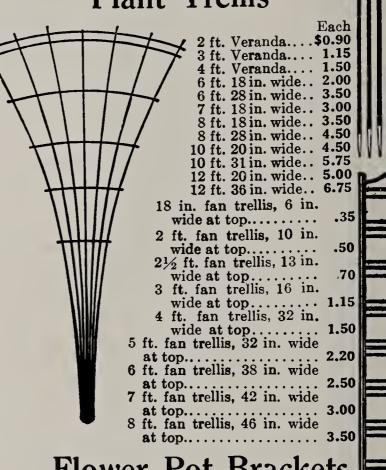
Plant Stakes

PLANT	STAKES—PAINTED GREEN—SQUARE
	Doz. 100
1½ ft	\$0.25 \$1.50
2 ft	
3 ft	1.00 6.00
4 ft	1.25 9.50
	2.00 14.00
6 ft	2.25 15.50

Cane Stakes. Can be cut to any desired length; much used by florists for supporting Roses, Carnations, Lilies, etc. 6 ft., doz. 40c., 100 \$2.50; 8 ft., doz. 60c., 100 \$3.50.

Cane	Stakes,	Green	Doz. .\$0.12	100 \$0.75
$\tilde{2}^{\prime}$	ft		15	.85
				1.00
				1.25
				1.50
				2.00

Plant Trellis



Flower Pot Brackets

Adapted to plain flower pots and saucers. Flat steel, perfectly strong. Can be fastened on narrowest moulding. Black finish. No. 1, for a 5-in. pot, 50c.; No. 2, for a 6-in. pot, 60c.; No. 3, for a 7-in. pot, each 75c.

Cemetery Vases

Clay glazed-finish, large holding capacity 35c.

Standard Flower Pots

]	Each	Doz.	100
2 in	0.02	\$0.20	\$1.25
21/4 in	.03	.25	1.50
$2\frac{1}{2}$ in	.03	.30	2.00
3 in	.04	.40	2.25
3½ in	.04	.45	2.75
4 in	.05	.50	3.25
5 in	.09	.90	6.25
$5\frac{1}{2}$ in	.10	1.00	7.50
6 in	.12	1.20	9.00
7 in	.20	2.00	15.00
8 in	.30	3.00	20.00
9 in	.45	4.50	35.00
10 in	.55	5.50	
12 in	1.00	11.00	

14 in..... 1.50

Measurements from Inside to Inside. Width and Depth Equal.



Azalea Pots and Seed or Bulb Pans. Prices same as Standard

Basketry Supplies

If sent by parcel post add postage to these prices

}	Each		Each			
3 in. Round bases \$	0.07	10x16 Rectangular	\$0.50			
3½ in. Round bases	.08	12x18 Rectangular	.70			
4 in. Round bases	.09	Coasters 2 glass	.20			
5 in. Round bases	.12	Coasters 3 glass	.30			
6 in. Round bases	.15	Coasters 4 glass	.40			
7 in. Round bases	.18	Coasters 6 glass	•50			
8 in. Round bases	.20	Octagonal Sandwich Trays	.50			
9 in. Round bases	.22	Refreshment Trays, 14x19	1.15			
10 in. Round bases	.25	Refreshment Trays, 16x24	1.65			
11 in. Round bases	.30	Lamp bases, 7 in. high	.40			
12 in. Round bases	.35	Lamp bases, 12 in. high	.85			
14 in. Round bases	.50	Lamp bases, 14 in. high	1.00			
6x10 Oval bases	.25	Lamp bases, 16 in. high	1.10			
8x12 Oval bases	.30	5 in. Round bases with lip	.25			
10x16 Oval bases	.40	10 in. Round bases with lip	.40			
12x19 Oval bases	.65	8 in. Half circle	.20			
16x24 Oval bases	1.25	9 in. Half circle	.2 2			
6½x10½ Rectangular	.25	10 in. Half circle	.25			
200						

REED

0	z. ½ Lb	. 1 Lb.	0	z. ½ L	b. 1 Lb.
No. 1 Reed\$	0.12 \$0.8	5 \$1.50	No. 5 Reed\$0	0.10 \$0.5	50 \$0.85
No. 2 Reed	.10 .70	1.25	No. 6 Reed		
No. 3 Reed	.10 .6	5 1.15	No. 7 Reed No. 8 Reed		
No. 4 Reed	.10 .6	1.00	Flat Reed		

RAFFIA

Natural...¼ lb. 15c., lb. 35c. Colored..oz. 10c., ½ lb. 75c., Lb. \$1.25 Needles.10c. and 25c. per pkg. Pine Needles.....75c. per lb. Handles for Trays. 60c.per pair

WOOD BEADS

Round and Oval............5c. doz., 35c. per 100 and up

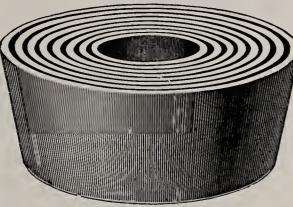
JOHNSON'S WOOD DYES

Complete line all shades, ½ pt. bottles......45c. and 50c. Underlac (Shellac Substitute), ½ pt. cans......40c.

Fern Pans

The pans are especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements. Each Size 4 x1\(\frac{7}{8}\) in....\$0.09

Size	4	x1 1/2	in\$	0.09
		x21/8		.12
		x21/4		.15
		x21/4		.18
		x25/8		.20
Size		x31/8		.30
Size		x31/4		.35



Hanging Pots

7-in., each 45c.; 8-in., each 60c.; 9-in., each 75c.; 10-in., each \$1.10; 12-in., each \$1.50.

Clay Flower Pot Saucers



	0	U.U 8	\$0.80	\$0.00
	7	.10	1.10	8.00
١	8	.14	1.60	12.00
	9	.20	2.25	16.00
	10	.25	2.75	20.00
	11	.28	3.00	22.00
	12	.35	3.50	28.00
	14	.45		
	15	.60		
	16	.80		

18..... 1.00

Plant Tubs

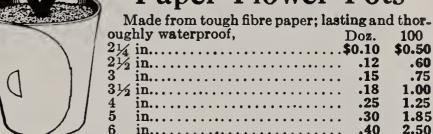
An attractive tub made of white pine, painted outside and inside with two coats of linseed oil paint. Heavy wire electrically welded hoops.

Made of White Pine, painted, light and attractive.



	Diam.	Height	Each
No. 2.	7 in.	7 in	.\$0.65
No. 3.	8 in.	8 in	75
No. 4.	9 in.	9 in	
No. 5.	10 in.	9 in	
No. 6.	11 in.	10 in	. 1.25
No. 7.	12 in.	11 in	. 1.60
No. 8.	13 in.	12 in	. 1.90
No. 9.	14 in.	13 in	
No. 10.	15 in.	14 in	
No. 11.	16 in.	15 in	

Neponset Paper Flower Pots Vede from tough fibre paper: leating and the



Recleaned Bird Seed and Pet Supplies

If wanted Parcel Post, add postage.

CANARY (Plain). Recleaned, extra quality. Lb. 20c., 5 lbs. 85c., 10 lbs. \$1.50.

CANARY (Mixed). A mixture of finest quality in proper proportions. Lb. 20c., 5 lbs. 85c., 10 lbs. \$1.50.

CUTTLE FISH BONE. For digestion. 3 for 10c., ¼ lb. 25c., lb. 75c.

HEMP SEED. Very rich and should be fed with care. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.10.

LETTUCE SEED. Relished by canaries. Add small quantity to other seeds. Oz. 5c., 1/4 lb. 15c.

MAW SEED. To improve song of canaries. ¼ lb. 15c., lb. 40c. MILLET SEED. Recleaned. Lb. 15c., 5 lbs. 50c., 10 lbs. 90c. RAPE SEED. Many canaries prefer this to the canary seed. Lb. 20c., 5 lbs. 85c., 10 lbs. \$1.50.

SILVER SAND. For bird cages; extra clean. Pkg. 15c.
SILVER SAND (Bulk). 12 lbs. 50c., 25 lbs. \$1.00, 100 lbs. \$3.00.
GRAVEL PAPER. Various sizes. Packages, 12 sheets, 25c. to 35c.
SUNFLOWER SEED. Used largely for parrot feed. We handle only the best obtainable. Lb. 15c., 3 lbs. 40c., 10 lbs. \$1.30.

UNHULLED RICE. Lb. 20c., 5 lbs. 75c., 10 lbs. \$1.40. BIRD BATHS, 15c. DRINKING CUPS, 15c. and 30c.

CAGE SPRING and CHAIN. 30c. and 35c. Short Barre Springs 15c.

HOOKS. 25c. and 35c.

SPRATT'S COD LIVER OIL, CAGE BIRD AND NESTLING FOOD, 15c.

CANARY SEED, with egg and fruit, 25c.

SING SONG, 15c.; SONG RESTORER, 25c.

BURNETT'S UNEXCELLED BIRD FOODS: Song Restorer, 25c.; Pep A Biscuit, 15c.; Bird Tonic, 25c.; Bird Wash, 25c.

Aquariums and Fish Supplies

Round Globes. 25c. to \$1.50. Aquariums. All glass. \$2.50, \$3.75. \$5.50, \$7.50, \$9.50.

Frame Aquariums. Slate bottom. \$2.25, \$4.00, \$6.00, \$8.00, \$10.00 up.

Ornaments. 15c. to 75c. Beach Gravel. Qt. 15c., ½ pk. 50c.

Dip Nets. 25c., 35c., 50c., 75c. Dip Tubes. 35c.

Pearl Chips and Small Sea Shells. Each, box 15c., 2 for 25c.

Aquarium Plants.Bunch 15c. Common Gold Fish. 15c. 25c. and 35c.

Fan-tails. 50c. and 75c. up. Telescopes. 75c. and \$1.00. Tadpoles and Snails.

Tadpoles and Snails.
Fish Foods, Wafer, 15c.;
Natural, 10c.; Relpaw, 15c.

Plant Foods

STIM-(U-PLANT

PLANT STIMULANT TABLET

A powerful fertilizer in tablet form; odorless and suitable for house or garden use. Pkgs. 25c., 75c.; pail, 1000 tablets \$3.50.

OYAMA PLANT FOOD. Safe, clean and odorless, used dry or in water. Pkg. 30c.

BLOOMAID. A highly concentrated plant food containing the essential ingredients for plant growth — Nitrogen, Phosphoric Acid and Potash. Bloomaid Tablets are made especially for flowers, shrubs and plants, and promote rapid growth and full development, as the plant food is immediately available. Pkg. of 125 compressed tablets, 25c.

GRO-FAST. A scientifically prepared formula, rich in organic nitrogen and other plant food. Recommended for potted plants, lawn and garden. 1 lb. 25c., 5 lbs. 60c.



INSECTICIDES AND FERTILIZERS

INSECTICIDES



antrol. Adapted to any size house or garden and quickly destroys all species of sweet eating insects. It is composed of glass containers and special formula syrup. Set contains one 4 oz. bottle of syrup and four containers. 75c.

Antrol Syrup. 4 oz. bottle. 35c. Antrol Syrup. 1 pt. bottle. 85c.

ANTROL ANT AND ROACH POWDER. An improved, fast killing powder for the extermination of ants and roaches. 2 oz. can with shaker twist top. 20c.

APHINE. A contact spray effective against all sucking insects infesting flowers, foliage, fruits and vegetables. 1/4 pt. 25c., 1/2 pt. 40c., pt. 65c., qt. \$1.00.

ARSENATE OF LEAD (Dry). Lb. 30c., 4 lb. bags \$1.00.

BORDEAUX MIXTURE (Dry Powder). For all fungoid diseases, such as mildew and various rots of Grapes, etc. Lb. 30c., 4 lb. bag \$1.00.

BORDEAUX MIXTURE WITH ARSENATE OF LEAD (Dry). An excellent combined insecticide and fungicide. Lb. 30c., 4-lb. bags \$1.00.

"BLACK LEAF 40" (Nicotine Sulphate). For destroying aphis, thrips, etc., without injuring the foliage. Oz. bottle 35c., 5 oz. \$1.00, 1 lb. \$2.25, 2 lbs. \$3.35.

CYANOGAS. Valuable for greenhouse fumigation, for destroying aphis, white fly, thrips, etc. Lb. 75c., 5 lbs. \$3.00, 25 lbs. \$10.00.



A non-poisonous insecticide efficient in both flower and vegetable garden. Destroys many both chewing and sucking insects without burning plants. 1 oz. bottle 35c., 6 oz. bottle \$1.00, 16 oz. bottle \$2.00.

FISH OIL SOAP. Commonly known as Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Lb. 35c., 5 lbs. \$1.50.

GRAPE DUST. A preparation to kill that destructive mildew that strikes the Grape vine; also for like use upon any other plants or trees affected with mold, mildew or rust mites, either in greenhouses or the open air. Lb. 30c., 5-lb. pkg. \$1.00.

HELLEBORE. For destroying Rose bugs, Currant worms and other soft shelled insects. It can be applied dry or in liquid form. **Lb. 50c.**

LIME-SULPHUR DRY POWDER. This preparation is scientifically prepared and is widely recommended and known as one of the best preparations for San José scale, oyster shell scale, etc. Use 2 to 3 gals. to 50 gals. water. Lb. 40c., 5 lbs. \$1.50.

NICO-FUME (Tobacco Paper). For fumigating greenhouses. The strongest tobacco paper on the market. 24 sheets \$1.25.

NICO-FUME LIQUID. 1/4-lb. tin 75c., lb.-tin \$2.25, 4-lb. tin \$5.75.

NICO-FUME POWDER. For fumigating greenhouses. Active ingredients—nicotine, not less than 12½%. 1 lb. \$1.00, 5 lb. \$3.35, 10 lb. \$5.85.

NICOTINE PYROX. Kills both chewing and sucking insects. Mix with water and spray. 10 ozs. 50c., 40 ozs. \$1.25.

PARIS GREEN. Superior quality. 1/4 lb. 20c., lb. 55c.

Pomo-Green with Nicotine. The leaf green all-in-

one Dust or Spray. A combination material which controls fungous diseases, and kills both leaf-eating insects and aphis. 1 lb. can 75c., 5 lb. can \$3.00



A contact insecticide that may be used upon tender foliage without burning and delicate flowers without staining. Economical to use. Oz. 35c., ¼ pt. \$1.00, ½ pt. \$1.75, pt. \$3.25, qt. \$6.00.

SCALECIDE. The best spray for San José scale. A mechanical preparation of petroleum oil that instantly mixes with cold water. Qt. 75c., gal. \$1.75, 5 gals. \$6.25.

SEMESAN. For treating seeds; hastens germination, stimulates growth, controls disease. 2 ozs. 50c., lb. \$2.75.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris Green when used liberally, without the danger from poison. Lb. 25c., 5-lb. pkg. 75c.



SNAROL. For the control of cut worms, snails, slugs, etc.; non-injurious to vegetation and very economical to use on account of its insolubility in water. 1½ lbs. 35c., 4 lbs. 85c.

SULPHUR, FLOWERS OF. A staple preventive for mildew on Grapes, Roses, etc. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00.

TOBACCO DUST. If dusted on while the foliage is moist it destroys Rose lice, Cabbage and Turnip fleas, etc. Spread upon the ground thin sects and acts as a fartilizer.

it keeps off earth insects and acts as a fertilizer. 1 lb. carton 25c., 5 lbs. 50c., 10 lbs. 75c., 25 lbs. \$1.50.

VOLCK. A powerful spray, effective on all ornamental and flowering plants for control of red spider, aphis, scale, etc. ½ pt. 50c., pt. 75c., qt. \$1.00, gal. \$3.00.

WILSON'S O. K. PLANT SPRAY. Powerful yet harmless insecticide for aphis, red spider, mildew, scale, etc. For use inside or outdoors. 1/2 pt. 40c., qt. \$1.25

FERTILIZERS



This is a pure natural manure and the most nutritious food for plants. It is excellent as a top dressing for lawns. There is nothing better for mixing with the soil for greenhouse plants; one part manure and six parts soil. For use in the vegetable garden place directly in hills or drills, it promotes a rapid and steady growth. 2 lb. pkg. 20c., 5 lbs. 40c., 10 lbs. 70c., 25 lbs. \$1.15, 50 lbs. \$1.75, 100 lbs. \$3.00.

ADCO. The addition of Adco to vegetable refuse, grass clippings, leaves, etc., will produce a clean, odorless manure in 3 to 4 months. Circular upon request. 25 lbs. \$2.00, 100 lbs. \$7.75.

CATTLE MANURE. Heat dried and shredded. Suited to mixing in soil, mulching or liquid manuring. 100 lbs. \$3.25.

ARMOUR'S VERT. Odorless. Contains more pounds of highest grade plant food in water soluble form than is generally used in lawn and garden fertilizers. 5 lb. pkg. 50c., 25 lb. bag \$1.75, 50 lbs. \$3.00, 100 lbs. \$5.00. ARMOUR'S BIG CROP (4-8-4).

ARMOUR'S BIG CROP (4-8-4).
A high grade general farm and garden fertilizer. 50 lbs. \$1.75, 100 lbs. \$3.00.

KOPPER'S VELVET LAWN (Sulphate of Ammonia, 23½%). Feeds the grass and starves the weeds; readily available; the driest sulphate on the market; no limping or caking. Odorless. 26 oz. carton 25c., 5 lbs. 60c., 10 lbs. \$1.15, 25 lbs. \$2.25, 50 lbs. \$3.75, 100 lbs. \$6.00.

PURE GROUND BONEMEAL.
This finely pulverized ground bone is excellent for Rose culture,

top dressing for lawns and for potted plants. 5 lb. pkg. 40c., 10 lbs. 75c., 25 lbs. \$1.25, 50 lbs. \$2.25, 100 lbs. \$3.50, 200 lbs. \$6.50.

UNLEACHED HARDWOOD ASHES. As a fertilizer for lawns, gardens and fruits, Hardwood Ashes are unequaled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. Price, 100 lbs. \$2.25.

LIME, AGRICULTURAL. To rectify some soil. Pkg. 25c., 100 lbs. \$1.75.

NITRATE OF SODA. This is valuable solely for the nitrogen it contains, equal to 18½ per cent. of ammonia. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 150 lbs. per acre. Lb. 15c., 5 lbs. 40c., 10 lbs. 75c., 100 lbs. \$4.50.

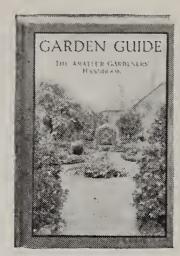
MURIATE OF POTASH (48%). 10 lbs. 75c., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.00.





ANNUAL SEEDS FOR ROCK GARDENS

	PKt.		PKt.
ABRONIA umbellata (Sandverbena). Trailing annual; rose color adapted to dry, poor soil.		LOBELIA, Crystal Palace Compacta. Very compact deep blue flowers	
1/4 oz. 25c	.15	MARIGOLD, Border of Gold. Delicate lace-like foliage surmounted with small single bright orange flowers, very delicate and attractive Legion of Honor. A single flowering Marigold forming compact bushes about 8 inches high, flowering June to frost. Flowers golden yellow	.10
mixed all colors	.10	with velvety maroon spots at base of petals. ½ oz. 25c	.10
in. high. ½ oz. 25c	.10	spotted flowers, borne in profusion. 1 ft. $\frac{1}{8}$ oz. $50c$.10
annual covered with blue flowers during the Summer and Autumn. Grows freely in any rich soil. 18 inch. ¼ oz. 30c	.10	NEMOPHILA (Baby-blue-eyes or Bluebells). Low growing annual of easy culture, producing abundance of bright bell-shaped flowers all Summer. Do best in partial shaded, moist situation. ½ oz. 25c	.10
in mass and thinned to six inches apart making sowings two weeks apart for succession of bloom. Will succeed in any light, airy location. Separate colors, Lilac, Rose, Flesh, Purple,		MATRICARIA, Golden Ball. Compact, bushy plant, 8 in. high, covered with bright yellow densely double blooms. 1/8 oz. 35c	
Crimson, White, each ¼ oz. 25c	.10 .10	PETUNIA, Nana Erecta. The finest dwarf upright growing, free blooming type. Rosy Morn. Clear pink, white throat. ½ oz. 50c.	.15
glories. Splendid for growing in beds or clumps and much used in hanging baskets and window boxes. Very desirable for clumps in the Rock Garden. While called Morning Glories, they		Violacea. Steel blue or deep violet. ½ oz. 50c Snowball. Pure white. ½ oz. 50c Nana Erecta Finest Mixed. Containing all the varieties in this type of Petunia. ½ oz. 35c	.15 .15
remain open all day in fine weather. Very easily grown. mauritanicus. Blue with white throat Monstrosus. Dark blue. Oz. 25c DIANTHUS, Sweet Wivelsfield. New hardy an-	.15 .10	PHLOX drummondi, Dwarf or Compact. Grow very symmetrical in neat little bushes, 6 to 8 inches high and covered with flowers during the entire season. Excellent for beds, borders or	
nual; resembles large flowering Sweet-william. Distinct in habit and freedom of growth. Colors reds, pinks, and crimsons; about 12 in. high. Seed		clumps in the rock garden. Easily grown. Cecily Mixed. Large flowering compact in many shades and colors. 1/4 oz. 50c	.10
sown in February or early March bloom June to October, or sown in open ground in April, bloom late in Summer	.25	for warm, dry locations; do not sow until hot weather.	10
colors	.10	Single Mixed. $\frac{1}{4}$ oz. 25c., 1 oz. 75c	.10
ering hybrids. Choice mixed. ½ oz. 35c GAILLARDIA, Indian Chief. Center dark brown petals, glittering metallic bronzy red. Very outstanding color. ½ oz. 35c	.15	VERBENA, grandiflora. A magnificent new strain may be sown in open ground in April or May for bloom in August and September. Separate colors, Blue, Flame Pink, Vivid Scarlet, white each 20c.	
GODETIA (Satin Flower). Attractive hardy annuals, blooming profusely. Flowers Azalea-like, satiny texture, in many colors. Adapted to rather poor soil. 1 ft. 1/4 oz. 25c	.10	WALLFLOWER, Early Paris. Annual, sown in open ground in April or May, bloom in midseason and continue to hard freezing weather	.10
LINARIA moroccana (Toadflax). An easily grown annual adapted to borders and rockeries. Seed sown in open ground in April or May produce spikes of miniature snapdragon like flowers from		zinnia, Pompon. A very compact form growing not over 15 in. high, bearing in profusion small, very double blooms on long stems. Separate colors: Canary, Crimson, Golden, Purple, Salmon, Scarlet, Flesh White. 1/4 oz. 40c.	10
July to frost. Colors, Yellow, Crimson, Pink,	.10	Rosebud (New). Rose pink. ¼ oz. 50c	

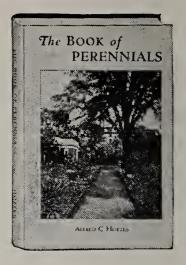


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Hibiscus grandiflora



Hardy Perennial Phlox



Iceland Poppies.



Digitalis (Foxglove)



Tritoma. See page 24.



SEEDS

Annual & Perennial Plants





Nasturtium — Golden Gleam See page 1.

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